UX-V3/UX-V5
UX-V5R/FS-V5

JVC

SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-V3
UX-V5 / V5R
FS-V5

Area Suffix (UX-V3)

A ---------- Australia
B ---------- U.K.
E ---------- Continental Europe
EE --- Russian Federation
EN ---- Northern Europe
EV ------ Easten Europe

UB ---------- Hong Kong
US ---------- Singapore
UT ---------- Taiwan
UX ---------- Saudi Arabia
UF---------- China

Area Suffix (UX-V5)

A ---------- Australia

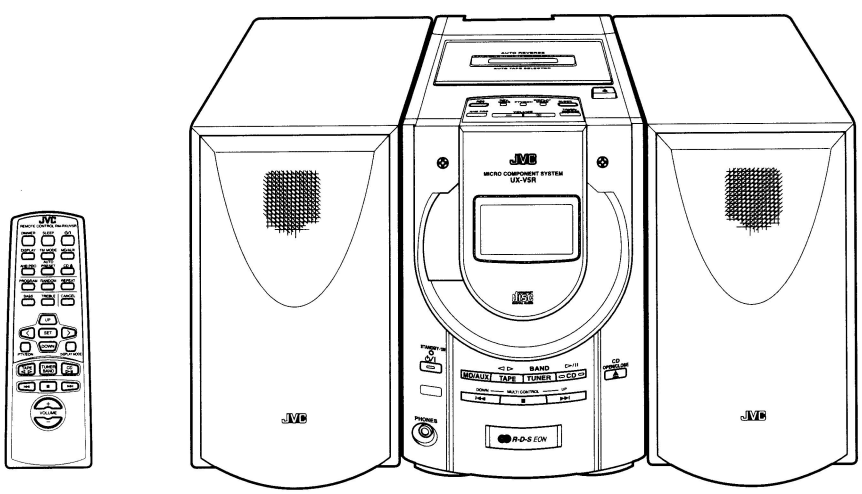
UB ---------- Hong Kong
US ---------- Singapore
UT ---------- Taiwan
UX ---------- Saudi Arabia

Area Suffix (UX-V5R)

B ---------- U.K.
E ---------- Continental Europe
EE -- Russian Federation
EN ---- Northern Europe
EV ----- Eastern Europe

Areas Suffix (FS-V5)

J ---------- U.S.A.



UX-V5R

R·D·S EON

COMPACT disc DIGITAL AUDIO

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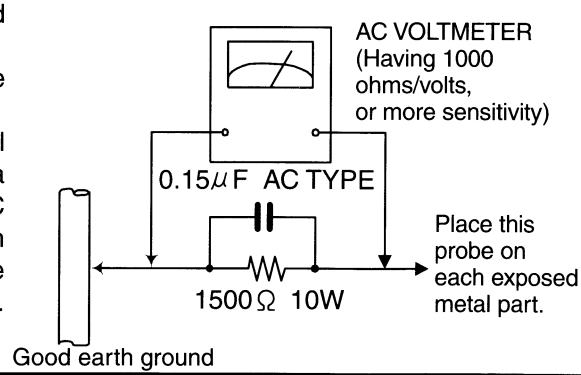
No.20752
JUN. 1999

Safety precautions

1. This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer`s warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage current check (Electrical shock hazard testing)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.
   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet , particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.)
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now reverse the plug in the AC outlet and repeat each measurement voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

Important for laser products

1.CLASS 1 LASER PRODUCT

2.DANGER : Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The compact disc player uses invisible laserradiation and is equipped with safety switches whichprevent emission of radiation when the drawer is open and the safety interlocks have failed or are de feated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

VARNING : Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen.

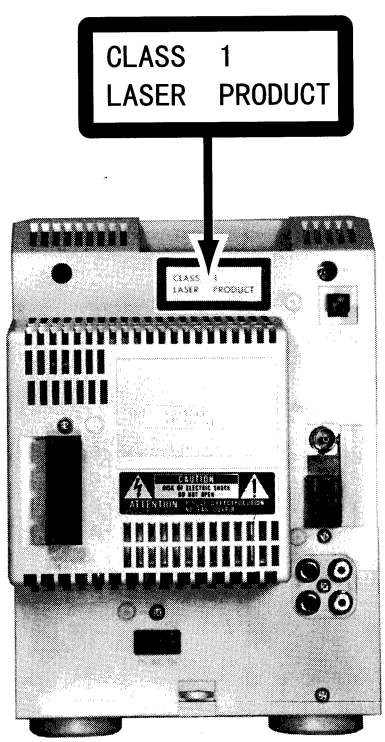
VARO : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle.Älä katso säteeseen.

ADVARSEL : Usynlig laserstråling ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

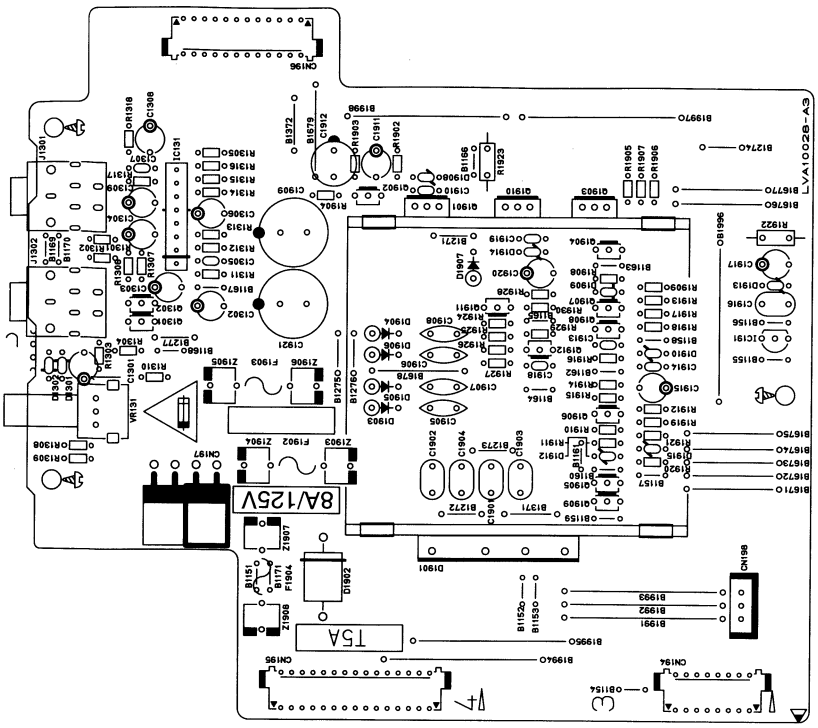
ADVARSEL : Usynlig laserstråling ved åpning,når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

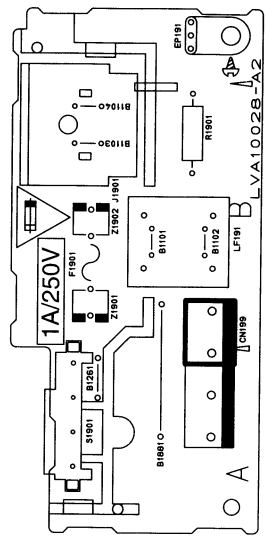
REPRODUCTION AND POSITION OF LABELS

WARNING LABEL

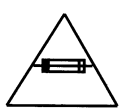
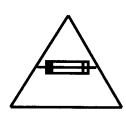


■ Importance Admistering point on the Safety





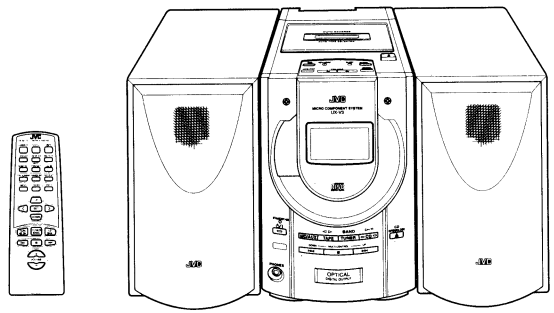
Note : It's means "J" for U.S.A. market model and "C" for canada market model.

UX-V3/UX-V5 C/J ONLY	UX-V3/UX-V5 C/J SEULEMENT
Full Fuse Replacement Marking Graphic symbol mark (This symbol means fast blow type fuse.)  should be read as follows ;	**Marquage Pour Le Remplacement Complet De Fusible** Le symbole graphique (Ce symbole signifie fusible de type á fusion rapide.)  doit être interprété comme suit ;
FUSE CAUTION	**PRECAUTIONS SUR LES FUSIBLES**
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSES ; **F1901 : 1 A / 250 V** **F1902 : 8 A / 125 V**	**POUR UNE PROTECTION CONTINUE CONTRE DES RISQUES D'INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DU MEME TYPE ;** **F1901 : 1 A / 250 V** **F1902 : 8 A / 125 V**

JVC

MICRO COMPONENT SYSTEM
MIKRO-KOMPONENTEN-SYSTEM
SYSTEME DE MICROCOMPOSANTS
MIKRO KOMPONENTEN-SYSTEEM
SISTEMAS DE MICROCOMPONENTES
SISTEMA A MICROCOMPONENTI

UX-V3



COMPACT disc DIGITAL AUDIO

INSTRUCTIONS
BEDIENUNGSANLEITUNG
MANUEL D'INSTRUCTIONS
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
ISTRUZIONI

For Customer Use:
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.

Serial No.

LVT0215-001A
[E]

Warnings, Cautions and Others / Warnung, Achtung und sonstige Hinweise /Mises en garde, précautions et indications diverses /Waarschuwingen, voorzorgen en andere mededelingen/Avisos, precauciones y otras notas / Avvertenze e precauzioni da osservare

Caution — ⏻/I switch!
Disconnect the mains plug to shut the power off completely. The ⏻/I switch in any position does not disconnect the mains line. The power can be remote controlled.

Achtung — ⏻/I Schalter!
Den Netzstecker aus der Steckdose ziehen, um die Stromversorgung vollkommen zu unterbrechen. Der Schalter ⏻/I unterbrichet in keiner Stellung die Stromversorgung vollkommen. Die Stromversorgung kann mit der Fernbedienung ein- und ausgeschaltet werden.

Attention — Commutateur ⏻/I!
Déconnecter la fiche de secteur pour couper compltement le courant. Le commutateur ⏻/I ne coupe jamais compltement la ligne de secteur, quelle que soit sa position. Le courant peut tre télécommandé.

Voorzichtig — ⏻/I schakelaar!
Om de stroomtoevoer geheel uit te schakelen, trekt u de stekker uit het stopkontakt. Anders zal er altijd een geringe hoeveelheid stroom naar het apparaat lopen, ongeacht de stand van de ⏻/I schakelaar. U kunt het apparaat ook met de afstandsbediening aan- en uitschakelen.

Precaución — Interruptor ⏻/I!
Desconectar el cable de alimentación para desactivar la alimentación totalmente. Cualquier que sea la posición de ajuste del interruptor ⏻/I, la alimentación no es cortada completamente. La alimentación puede ser controlada remotamente.

Attenzione — L'interruttore ⏻/I !
Disinserire la spina del cavo di alimentazione dalla presa della rete elettrica per staccare completamente l'alimentazione. L'interruttore ⏻/I in nessuna posizione stacca la linea di alimentazione elettrica principale. È possibile il controllo remoto dell'alimentazione.

Per l'Italia:
"Si dichiara che il questo prodotto di marca JVC è conforme alle prescrizioni del Decreto Ministeriale n.548 del 28/08/95 pubblicato sulla Gazzetta Ufficiale della Repubblica Italiana n.301 del 28/12/95."

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

ACHTUNG
Zur Verhinderung von elektrischen Schlägen, Brandgefahr, usw:
1. Keine Schrauben lösen oder Abdeckungen entfernen und das Gehäuse nicht öffnen.
2. Dieses Gerät weder Regen noch Feuchtigkeit aussetzen.

ATTENTION
Afin d'éviter tout risque d'électrocution, d'incendie, etc.:
1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

VOORZICHTIG
Ter vermindering van gevaar voor brand, elektrische schokken, enz.:
1. Verwijder geen schroeven, panelen of de behuizing.
2. Stel het toestel niet bloot aan regen of vocht.

PRECAUCIÓN
Para reducir riesgos de choques eléctricos, incendio, etc.:
1. No extraiga los tornillos, los cubiertas ni la caja.
2. No exponga este aparato a la lluvia o a la humedad.

ATTENZIONE
Per ridurre il rischio di shock elettrici, incendi, ecc...
1. Non togliete viti, coperchi o la scatola.
2. Non esponete l'apparecchio alla piogggia e all'umidità.

Instructions

UX-V3/UX-V5
UX-V5R/FS-V5

Caution: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1 Front:
No obstructions and open spacing.
2 Sides/ Top/ Back:
No obstructions should be placed in the areas shown by the dimensions below.
3 Bottom:
Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Vorsicht: Ausreichende Belüftung
Zur Vermeidung von elektrischen Schlägen, Feuer und sonstigen Schäden sollte das Gerät unter folgenden Bedingungen aufgestellt werden:
1 Vorderseite:
Hindernisfrei und gut zugänglich.
2 Seiten- und Rückwände:
Hindernisfrei in allen gegebenen Abständen (s. Abbildung).
3 Unterseite:
Die Stellfläche muß absolut eben sein. Sorgen Sie für ausreichende Luftzufuhr durch Aufstellung auf einem Stand mit mindestens 10 cm Höhe.

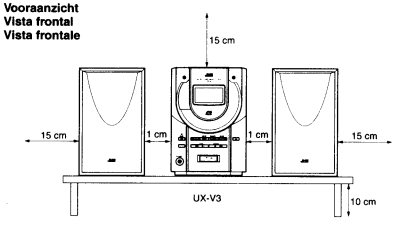
Attention: Aération correcte
Pour prévenir tout risque de décharge électrique ou d'incendie et éviter toute détérioration, instalez l'appareil de la manière suivante:
1 Avant:
Bien dégagé de tout objet.
2 Côtés/dessus/dessous:
Assurez-vous que rien ne bloque les espaces indiqués sur le schéma ci-dessous.
3 Dessous:
Posez l'appareil sur une surface plane et horizontale. Veillez à ce que sa ventilation correcte puisse se faire en le plaçant sur un support d'au moins dix centimètres de hauteur.

Voorzichtig: Goede ventilatie vereist
Om brand, elektrische schokken en beschadiging te voorkomen, moet u het toestel als volgt opstellen:
1 Voorkant:
Geen belemmeringen en voldoende ruimte.
2 Zijkanten/boven-/onderkant:
Geen belemmeringen plaatsen in de hieronder aangegeven zones.
3 Onderkant:
Op vlakke ondergrond plaatsen. Voldoende ventilatieruimte voorzien door het toestel op een onderstel met een hoogte van 10 cm of meer te plaatsen.

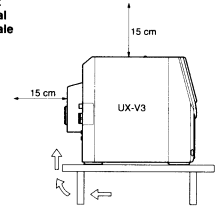
Precaucion: ventilación correcta
Para evitar el riesgo de descargas eléctricas e incendio y prevenir posibles daños, instale el equipo en un lugar que cumpla los siguientes requisitos:
1 Parte frontal:
Sin obstrucciones, espacio abierto.
2 Lados/parte superior/parte posterior:
No debe haber ninguna obstrucción en las áreas mostradas por las dimensiones de la siguiente figura.
3 Parte inferior:
Sitúe el equipo sobre una superficie nivelada. Mantenga un espacio adecuado para permitir el paso del aire y una correcta ventilación, situando el equipo sobre un soporte de 10 o más cm de allura.

Attenzione: Per una corretta ventilazione
Per prevenire il rischio di scosse elettriche e di incendio ed evitare possibili danni, collocare le apparecchiature nel modo seguente:
1 Parte anteriore:
Nessun ostacolo e spazio libero.
2 Lati/Parte superiore/Retro:
Lasciare libere le zone indicate dalle dimensioni di seguito.
3 Base:
Collocare su una superficie piana. Consentire un'adeguata ventilazione dell'impianto appoggiandolo su un tavolinetto alto almeno 10 cm.

Front view
Vorderansicht
Face
Vooraanzicht
Vista frontal
Vista frontale



Side view
Seitenansicht
Côt
Zijaanzicht
Vista lateral
Vista laterale



IMPORTANT FOR LASER PRODUCTS/ WICHTIGER HINWEIS FÜR LASER-PRODUKTE / IMPORTANT POUR LES PRODUITS LASER / BELANGRIJKE INFORMATIE VOOR LASERPRODUKTEN / IMPORTANTE PARA LOS PRODUCTOS LÁSER / IMPORTANTE PER I PRODOTTI LASER

REPRODUCTION OF LABELS/ANBRINGUNGSORTE FÜR LASER-PRODUKTE/REPRODUCTION DES ETIQUETTES/VERKLARING VAN DE LABELS/REPRODUCCIÓN DE ETIQUETAS/RIPRODUZIONE DELLE ETICHETTE

① CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE

① KLASSIFIZIERUNGSHINWEIS BEFINDET SICH AUF DER AUSSENSIETE

① ÉTIQUETTE DE CLASSIFICATION, PLACÉE SUR LA SURFACE EXTÉRIEURE

① CLASSIFICATIE-ETIKET AAN DE BUITENKANT VAN HET APPARAAT

① ETIQUETA DE CLASIFICACION, PROVISTA SOBRE LA SUPERFICIE EXTERIOR

① ETICHETTA DI CLASSIFICAZIONE POSTA ALL'ESTERNO

② WARNING LABEL, PLACED INSIDE THE UNIT

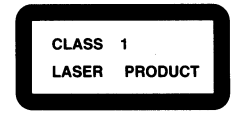
② WARNETIKETTE IM GERÄTEINNEREN

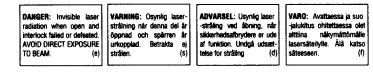
② ETIQUETTE D'AVERTISSEMENT PLACÉE À L'INTERIEUR DE L'APPAREIL

② WAARSCHUWINGSLABEL, IN HET APPARAAT

② ETIQUETA DE ADVERTENCIA, PEGADA EN EL INTERIOR DE LA UNIDAD

② ETICHETTA DI AVVERTENZA, SITUATA ALL'INTERNO DELL'APPARECCHIO





1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.

1. LASER-PRODUKT DER KLASSE 1
2. **GEFAHR:** Unsichtbare Laserstrahlung bei Öffnung und fehlerhafter oder beschädigter Spre. Direkten Kontakt mit dem Strahl vermeiden!
3. **ACHTUNG:** Das Gehäuse nicht öffnen. Das Gerät enthält keinerlei Teile, die vom Benutzer gewartet werden können. Überlassen Sie Wartungsarbeiten bitte qualifizierten Kundendienst-Fachleuten.

1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** Radiation laser invisible quand l'appareil est ouvert ou que le verrouillage est en panne ou désactivé. Eviter une exposition directe au rayon.
3. **ATTENTION:** Ne pas ouvrir le couvercle du dessus. Il n'y a aucune pièce utilisable à l'intérieur. Laisser à un personnel qualifié le soin de réparer votre appareil.

1. KLAS 1 LASERPRODUKT
2. **GEVAARLIJK:** Onzichtbare laserstraling wanneer open en de beveiliging faalt of uitgeschakeld is. Voorkom het direkt blootstaan aan de straal.
3. **VOORZICHTIG:** De bovenkap niet openen. Binnenin het toestel bevinden zich geen door de gebruiker te repareren onderdelen: laat onderhoud over aan bekwaam vakpersoneel.

1. PRODUCTO LASER CLASE 1
2. **PELIGRO:** En el interior hay radiación láser invisible. Evite el contacto directo con el haz.
3. **PRECAUCIÓN:** No abra la tapa superior. En el interior de la unidad no existen piezas reparables por el usuario; deje todo servicio técnico en manos de personal calificado.

1. PRODOTTO LASER CLASSE 1
2. **PERICOLO:** Radiazione laser invisibile quando l'apparecchio è aperto ed il dispositivo di sicurezza è guasto o disattivato. Evitare l'esposizione diretta ai raggi.
3. **ATTENZIONE:** Non aprire il coperchio superiore. Non vi sono parti adoperabili dall'utente all'interno di questo apparecchio; lasciare tutti i controlli a personale qualificato.

Thank you for purchasing the JVC Micro Component System.
We hope it will be a valued addition to your home, giving you years of enjoyment.
Be sure to read this instruction manual carefully before operating your new stereo system.
In it you will find all the information you need to set up and use the system.
If you have a query that is not answered by the manual, please contact your dealer.

Features

Here are some of the things that make your System both powerful and simple to use.

- The controls and operations have been redesigned to make them very easy to use, freeing you to just enjoy the music.
  - With JVC's **COMPU PLAY** you can turn on the System and automatically start the Radio, Cassette deck or CD Player with a single touch.
- The System incorporates Active Hyper Bass PRO circuitry to faithfully reproduce low frequency sounds.
- A 45-station preset capability (30 FM and 15 AM (MW/LW)) in addition to auto-seek and manual tuning.
- Versatile CD options include repeat, random and program play.
- Timer functions; Daily Timer and Sleep Timer.
- Auto-reverse tape function.
- You can connect various external units, such as an MD recorder.

COMPU PLAY

How This Manual Is Organized

- Basic information that is the same for many different functions - e.g. setting the volume - is given in the section 'Common Operations', and not repeated under each function.
- The names of buttons/controls and display messages are written in all capital letters: e.g. TUNER BAND, "NO DISC".
- System functions are written with an initial capital letter only: e.g. Normal Play.

Use the table of contents to look up specific information you require.
We've enjoyed making this manual for you, and hope it serves you in enjoying the many features built into your System.

IMPORTANT CAUTIONS

1. Installation of the System

- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the System and a TV.
- Do not use the System in a place subject to vibrations.

2. Power cord

- Do not handle the power cord with wet hands!
- Some power is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.

3. Malfunctions, etc.

- There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the System.

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English

Getting Started

Accessories

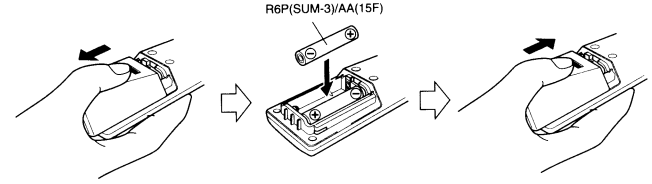
Make sure that you have all of the following items, which are supplied with the System.

Power Cord (1)
AM Loop Antenna (1)
Remote Control (1)
Batteries (2)
FM Wire Antenna (1)

If any of these items are missing, contact your dealer immediately.

How To Put Batteries in the Remote Control

Match the polarity (+ and –) on the batteries with the + and – markings in the battery compartment.

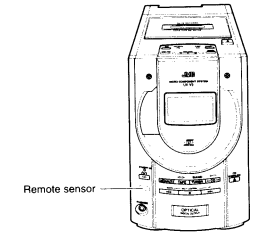


CAUTION: Handle batteries properly.
To avoid battery leakage or explosion:

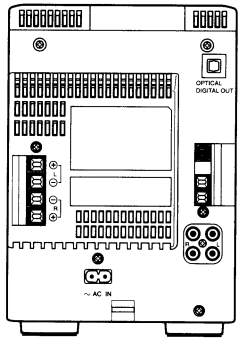
- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery with a new one.
- Don't use different types of batteries together.

Using the Remote Control

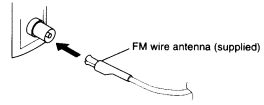
The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away.
You need to point the Remote Control at the remote sensor on the System's front panel.



CAUTION: Make all connections before plugging the System into an AC power outlet.

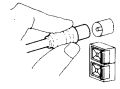


Using the Supplied Wire Antenna

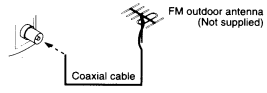


Using the Coaxial Type Connector (Not Supplied)

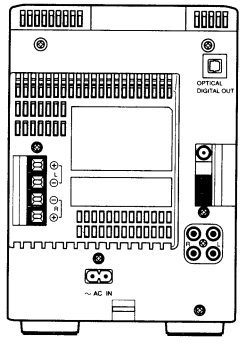
A 75-ohm antenna with coaxial type connector (IEC or DIN45 325) should be connected to the FM 75-ohm COAXIAL terminal.



If reception is poor, connect the outside antenna.

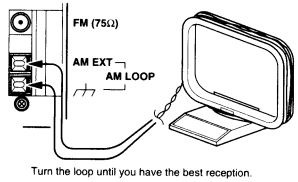


Note: Before attaching a 75 ohm coaxial lead (the kind with a round wire going to an outside antenna), disconnect the supplied FM Wire Antenna.



AM loop antenna (Supplied)

Attach the AM loop to its base by snapping the tabs on the loop into the slot in the base.



Turn the loop until you have the best reception.

CAUTION: To avoid noise, keep antennas away from the System, the connecting cord and the AC power cord.

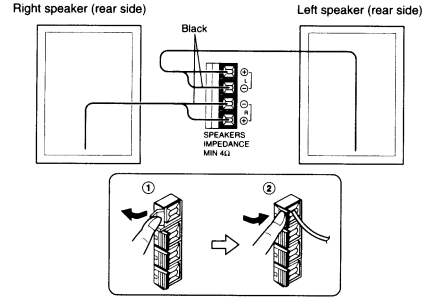
English

English

CAUTION: Make all connections before plugging the System into an AC power outlet.

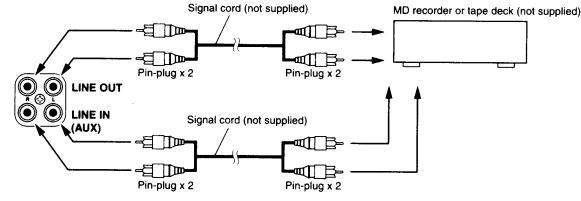
For each speaker, connect one end of the speaker wire to the speaker terminals on the back of the System.

1. Open each of the terminals and insert the speaker wires firmly, then close the terminals.
2. Connect the red (+) and black (–) wires of the right side speaker to the red (+) and black (–) terminals marked R on the System.
   Connect the red (+) and black (–) wires of the left side speaker to the red (+) and black (–) terminals marked L on the System.

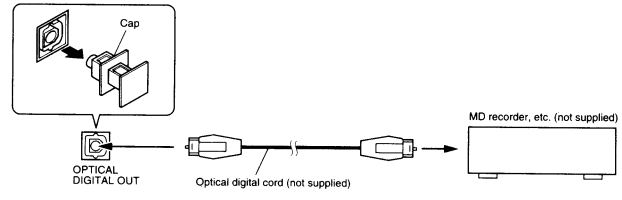


CAUTION: A TV may display irregular colors if located near the speakers. If this happens, set the speakers away from the TV.

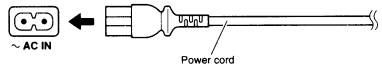
Connect signal cords (not supplied) between the System's LINE IN (AUX)/LINE OUT terminals and the output/input terminals of the external MD recorder, tape deck, etc.
You can then listen to the external source through the System, or record the System's CD player, cassette tape, or tuner to the external unit.



Unplug the cap and connect an optical digital cord (not supplied) between the System's OPTICAL DIGITAL OUT terminal and the input terminal of the MD recorder, etc.
You can record the digital output signal from the System's CD Player to the MD recorder, etc.



Firmly insert the supplied AC power cord into the AC inlet on the back of the Unit.



CAUTIONS:

- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

Now you can plug the AC power cord into the wall outlet, and your System is at your command!

JVC's COMPU PLAY feature lets you control the most frequently used System functions with a single touch.
With One Touch Operation you can play a CD, a tape, turn on the radio, or listen to an external equipment with a single press of the play button for that function. One Touch Operation turns the power on for you, then starts the function you have specified. If the System is not ready (no CD in place), the System still powers on so you can insert a CD.
How One Touch Operation works in each case is explained in the section dealing with that function.
The COMPU PLAY buttons are:

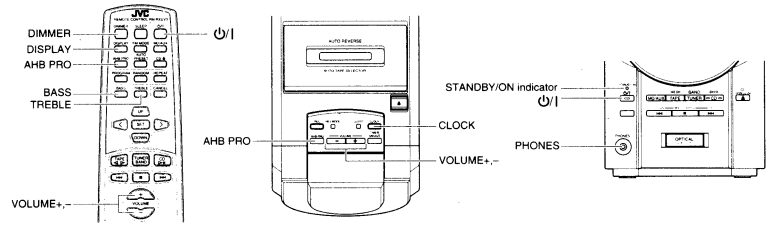
On the Unit	On the Remote Control
CD ▷/II button	CD ▷II button
TUNER BAND button	TUNER BAND button
TAPE ◁ ▷ button	TAPE ◁ ▷ button
MD/AUX button	MD/AUX button

The System automatically turns on with the following operation.

- When you press the CD ▲ button, the System automatically turns on and the CD cover opens to allow CD insertion. However, this operation does not change the function to CD.
  When you press the ⏻/I button to turn off the System, the CD cover will automatically closed if it is opened.

English

Common Operations



Turning the System On and Off

Turning the System On

Press the ⏻/I button.
The display comes on and "HELLO" is displayed once. The STANDBY/ON indicator lights in green.
The System comes on ready to continue in the mode it was in when the power was last turned off.

- For example, if the last thing you were doing was listening to a CD, you are now ready to listen to a CD again. If you wish, you can change to another source.
- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

Turning the System Off

Press the ⏻/I button again.
"GOOD BYE" is displayed and the display goes out, except for the clock display. The STANDBY/ON indicator lights in red.

- Some power is always consumed even though power is turned off (called Standby Mode).
- To switch off the System completely, unplug the AC power cord from the wall outlet. When you unplug the AC power cord, the clock will be reset to 0:00 after about 20 minutes.

Adjusting the Volume

Press the VOLUME + button to increase the volume or press the VOLUME – button to decrease it.

You can adjust the volume level between 0 and 50.

CAUTION: DO NOT turn on the System and/or start playing any source without first setting the VOLUME control to minimum, as a sudden blast of sound could damage your hearing, speakers and/or headphones.

For private listening

Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers.
Be sure to turn down the volume before connecting or putting on headphones.

Adjusting the Backlighting

You can adjust the brightness of the backlighting for the display.

When the System is Turned On

To make the brightness of the backlighting darker, press the DIMMER button on the Remote Control.
To make the brightness brighter, press the DIMMER button on the Remote Control again.

When the System is Turned Off (STANDBY MODE)

To turn on the backlighting, press the DIMMER button on the Remote Control. The brightness is the same as for darker one mentioned above.
To turn off the backlighting, press the DIMMER button on the Remote Control again.

Reinforcing the Bass Sound (AHB PRO)

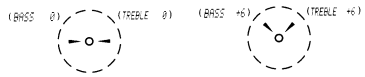
You can reinforce the bass sound to maintain rich, full bass at low volume (you can use this effect only for playback):
To get the effect, press the AHB (Active Hyper Bass) PRO button.
The "BASS" indicator lights up on the display.
To cancel the effect, press the button again.
The "BASS" indicator goes out.

Tone Control (BASS/TREBLE)

You can control the tone by changing the bass and treble.
The analog clock acts to display the bass and treble settings.
By pressing either the BASS or TREBLE button on the Remote Control, you can visually see the current tone control settings.

Examples:

FLAT — Fully boosted

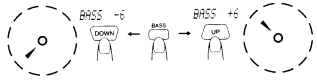


BASS Control

You can adjust the bass level (low frequency range level) between –6 and +6. (0: Flat)

1. Press the BASS button on the Remote Control.

2. Press the UP or DOWN button on the Remote Control to adjust the bass level.

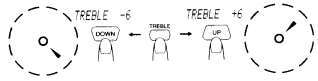


TREBLE Control

You can adjust the treble level (high frequency range level) between –6 and +6. (0: Flat)

1. Press the TREBLE button on the Remote Control.

2. Press the UP or DOWN button on the Remote Control to adjust the treble level.

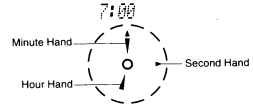


Showing the Time (Clock)

In Standby mode, the digital clock and analog clock appear on the display at the same time. Meanwhile, only the analog clock is displayed when a music source is selected. Namely, you can see the analog clock at all times.

When the System is turned on, you can display the digital clock at any time.

To display the digital clock, press the CLOCK button on the Unit or DISPLAY button on the Remote Control.
To return to the previous mode, press the same button again.

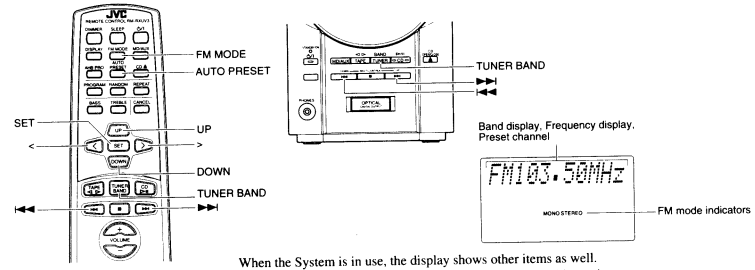


Note: To let work the clock, you need to set the clock beforehand. (See "Setting the Clock" on page 16.)

English

English

Using the Tuner



When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

You can listen to FM and AM (MW/LW) stations. Stations can be tuned in manually, automatically, or from preset memory storage.

■ Before listening to the radio:
- Make sure that both the FM and AM (MW/LW) antennas are correctly connected. (See page 3).

One Touch Radio

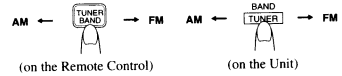
Just press the TUNER BAND button to turn on the System and start playing the station you were last tuned to.

■ You can switch from any other sound source to the radio by pressing the TUNER BAND button.

Tuning to a Station

1. Press the TUNER BAND button.

The Band and Frequency you were last tuned to appear on the display.
(If the last station was selected using the preset number, the preset number appears first.)
Each time you press the button, the band alternates between FM and AM (MW/LW).



(on the Remote Control) (on the Unit)

2. Select a station using one of the following methods.

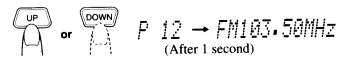
■ **Manual Tuning**
Press the ⏮ or ⏭ button on the Unit or the Remote Control repeatedly to move from frequency to frequency until you find the station you want.

OR

■ **Auto Tuning**
If you press and hold the ⏮ or ⏭ button on the Unit or the Remote Control for one second or more, the frequency changes down, or up, automatically until a station is found.

OR

■ **Preset Tuning using the Remote Control (Possible only after presetting stations)**
Select the desired preset number using the Up, Down, > and < button on the Remote Control. After 1 second the display will show the preset number's band and frequency.
Example: Press the UP button until the preset number 12 "P12" appears.

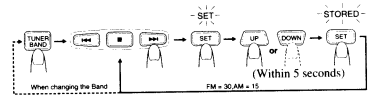


Manual Presetting

You can preset up to 30 FM stations and up to 15 AM (MW/LW) stations using the Remote Control.

Note: Preset numbers may have been set to factory test frequencies prior to shipment. This is not a malfunction. You can preset the stations you want into memory by following one of the presetting methods below.

Manual Presetting



1. Select a band by pressing the TUNER BAND button.

2. Press the ⏮ or ⏭ button to tune in a station.

3. Press the SET button.

"SET" will blink for 5 seconds.
Within 5 seconds, proceed to the next step.
When the display returns to the one set in STEP2 after 5 seconds, press the SET button again.

4. Press the UP, DOWN, >, or < button within 5 seconds to select the preset number.

UP or > button: Increases the preset number by 1.
DOWN or < button: Decreases the preset number by 1.

- When the > or < button is kept pressed, the preset number changes rapidly.

5. Press the SET button within 5 seconds.

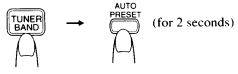
"STORED" appears and after 2 seconds, the display returns to the broadcast frequency display.

6. Repeat above steps 1 to 5 for each station you want to store in memory with a preset number.

To change the preset stations, repeat the same steps as above.

Auto Presetting

In each band, you can automatically preset FM-30, AM (MW/LW)-15 stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up the frequency.



1. Select a band by pressing the TUNER BAND button.

2. Press the AUTO PRESET button on the Remote Control for more than two seconds.

3. Repeat steps 1-2 for the other band.

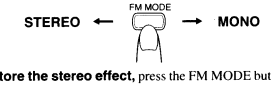
■ If you want to change the preset stations, carry out the Manual Presetting for the desired preset numbers.

CAUTION: Even if the system is unplugged or if the power failure occurs, the preset stations will be stored for about 24 hours. However, in case the preset stations are erased, you will need to preset the stations again.

To Change the FM Reception Mode

When you are tuned into an FM stereo broadcast, the "STEREO" indicator lights up and you can hear stereo effects.
If an FM stereo broadcast is hard to receive or noisy, you can select Monaural mode. Reception improves, but you lose any stereo effect.

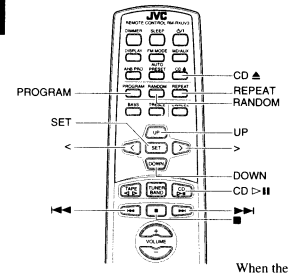
Press the FM MODE button on the Remote Control so that the "MONO" indicator lights up on the display.

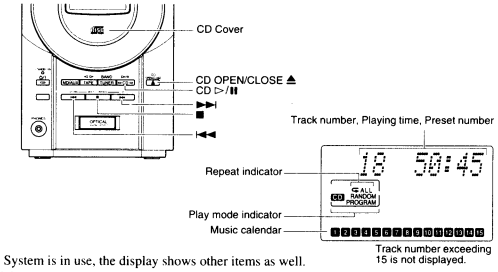


To restore the stereo effect, press the FM MODE button on the Remote Control so that the "MONO" indicator goes off.

English

Using the CD Player





When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

You can use Normal, Random, Program or Repeat Play. Repeat Play can repeat all the tracks or just one of the tracks on the CD. Here are the basic things you need to know to play a CD and locate the different tracks on it.

The Quickest Way To Start a CD Is With the One Touch Operation

■ Press the CD ▷/II button on the Unit or the Remote Control.

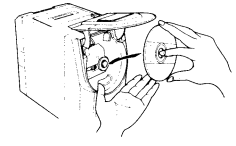
- The power is automatically turned on. If a CD is already inserted, it will start playing from the first track.
- If no CD is inserted, "NO DISC" appears on the display and the CD Player remains in Stop mode.

To Insert a CD

1. Press the CD OPEN/CLOSE ▲ button on the Unit (or the CD ▲ button on the Remote Control.)

The CD cover opens.

2. Place a CD, with its label side out as shown below. Press down on the CD's center until you hear a click.



3. Press the CD OPEN/CLOSE ▲ button (or CD ▲ button) again to close the CD cover.

- To close the CD cover and play the CD, you can just press the CD ▷/II button.

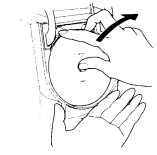
■ You can place an 8 cm (3") CD without an adaptor.
■ If the CD cannot be read correctly (because it is scratched, for example), " 0 0:00" appears on the display.
■ You can insert a CD while listening to the other source.

CAUTIONS:

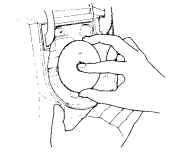
- **DO NOT try to open or close the CD cover by hands as it will be damaged.**
- **When you place or take out a CD, do not let it fall. Also, be careful not to scratch your fingers with a CD cover.**

To Unload a CD

Take out the CD as shown below.



■ To unload an 8 cm (3") CD, use the concavity to make removal easier.



Basics of Using the CD Player-Normal Play

To Play a CD

1. Insert a CD.

2. Press the CD ▷/II button.

The first track of the CD begins playing.

1 0:05
Track number Playback time

- The track number that has already played disappears from the music calendar.
- The CD Player automatically stops when the last track of the CD has finished playing.

To stop playing the CD, press the ■ button.
The following information for the CD is displayed.

18 50:45

Total track number Total playback time

To stop playing and remove the CD, press the CD OPEN/CLOSE ≜ button on the Unit or CD ≜ button on the Remote Control to open the CD cover.
To pause, press the CD ▷/II button. The playback time blinks on the display.
To cancel pause, press the same button again. Play continues from the point where it was paused.

To Select a Track or Passage within a Track

During playback, press the ⏮ or ⏭ (< or >) button to select the track you want.
The selected track starts playing.

- Press the ⏭ or > button once to skip to the beginning of the next track.
- Press the ⏮ or <button to skip to the beginning of the track being played. Press twice quickly to skip to the beginning of the previous track.
- When the > or < button on the Remote Control is kept pressed, the track continuously skips.

Search Play

Holding down the ⏮ or ⏭ button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the track you are listening to.

You can program the playing order of the tracks **using the Remote Control**.

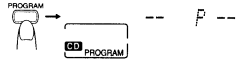
■ You can program up to 20 tracks in any desired order including the same tracks.
■ You can only make a program when the CD Player is stopped.

Insert a CD.

Press the CD ▷II button.

Press the ■ button to stop the CD.

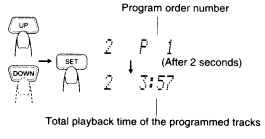
Press the PROGRAM button.
The System enters the programming mode and the "CD PROGRAM" indicator lights up.



Press the UP, DOWN, >, or < button to select the track to program.
UP or > button: Increases the track number by 1.
DOWN or < button: Decreases the track number by 1.

- When the > or < button is kept pressed, the track number changes rapidly.

Press the SET button.



Repeat steps 5 and 6 to select the other tracks for the program.

You can see the total playback time of programmed tracks on the display. Also, you can see the programmed tracks on the music calendar.

Press the CD ▷II button.
The System plays the tracks in the order you have programmed them.

■ You can skip to a particular program track by pressing the ⏮ or ⏭ button during Program Play.
■ To stop playing, press the ■ button once.

To confirm the programmed tracks while the CD player is stopped, each time press the ⏮ or ⏭ button; the tracks making up the program will successively be displayed in the programmed order.
To delete all the tracks in the program, in stop mode, press the ■ button. Pressing the CD ≜ button to open the CD cover will also clear the programmed tracks.
To exit the program mode once, while the CD Player is stopped, press the PROGRAM button to light off the "CD PROGRAM" indicator.
Notes:

- If the total playback time of the programmed tracks exceeds 99 minutes 59 seconds, the total playback time will go out on the display.
- If you try to program the 21th track, "MEMORY FULL" appears on the display for about 2 seconds.

To Modify the Program

Modify the contents of the program while the CD Player is stopped. Each time you press the CANCEL button, the last track in the program is deleted. To add new tracks to the end of the program, repeat above steps 5 to 7.

The tracks will play in no special order when you use this mode.

Press the RANDOM button on the Remote Control.
The "CD RANDOM" indicator lights up on the display.

Press the CD ▷II button.
The tracks are played in random order.
To skip a track during playback, press the ⏭ button to jump to the next track in the random sequence. Press the ⏮ button to jump back to the start of a track being played.
To exit Random Play mode, while the CD Player is stopped, press the RANDOM button to light off the "CD RANDOM" indicator and carry out Normal Play, or press the CD ≜ button to open the CD cover.

You can set the program or individual track playing to repeat as many times as you like.

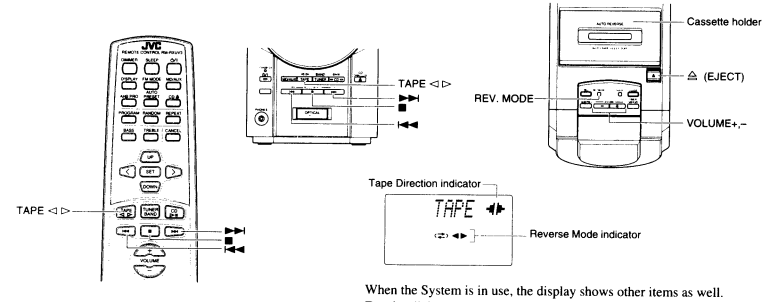
Press the REPEAT button on the Remote Control.
The Repeat indicator changes with each press of the button, as shown below.

⊂→⊂ **ALL →blank display →** (back to the beginning)
⊂ : Repeats one track.
⊂ **ALL** : In Normal Play mode, repeats all the tracks.
In Program Play mode, repeats all the tracks in the program.
In Random Play mode, repeats all the tracks in random order.

To exit Repeat mode, press the REPEAT button until the Repeat indicator on the display goes out.

■ In Random Play, as a matter of course, ⊂ cannot be selected.
■ Repeat mode remains in effect even when you change the play mode.

Using the Cassette Deck (Listening to a Tape)



When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

The Cassette Deck allows you to play and record audio tapes.

■ With Automatic Tape Detection, you can listen to type I, II or IV tapes without having to change any settings.

> The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.

One Touch Play

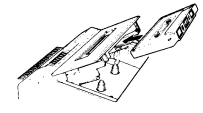
By pressing the TAPE ◁ ▷ button on the Unit or the Remote Control, the Unit will come on, "TAPE" appears in the display, and if a tape is in the deck, it will start to play. If no tape is loaded, "NO TAPE" appears on the display, the Unit will come on and wait for you to insert a tape, or select another function.

When the power is already on, you can use this basic procedure:

Press the ≜ (EJECT) button.

When the cassette holder opens, put the cassette in, with the side you want to listen facing up.

- If the cassette holder does not open, turn the Unit off, then back on and press the ≜ (EJECT) button again.



Close the holder gently until it clicks.

Press the TAPE ◁ ▷ button.
The tape is played in the direction shown by the Tape Direction indicator.

If you need to change the playback direction, press the TAPE ◁ ▷ again.
The opposite side Tape Direction indicator lights up and the tape playback direction changes.
To stop playing, press the ■ button.
To remove the tape, stop the tape, and press the ≜ (EJECT) button.

To Fast-Wind A Tape

■ Press the ⏭ or ⏮ button on the Unit or the Remote Control to fast-wind the tape. ▶▶ or ◀◀ indicator of the tape fast-wind direction appears on the display.

- The Cassette Deck automatically stops when the tape reaches its end.

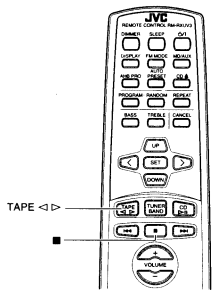
You can set a tape to play just one side, both sides in succession, or both sides continuously.

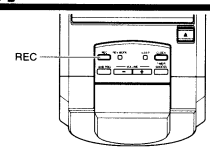
Press the REV. MODE button on the Unit.
The indicator changes with each press of the button as shown.

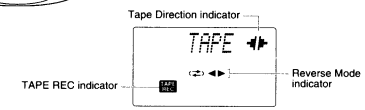
⊃ → ⊃ → ⊂⊃ → (back to the beginning)

⊃ : The Cassette Deck automatically stops after playing one side of the tape.
⊃ : The Cassette Deck automatically stops after playing both sides of the tape. (Stops when playback in the ◀ direction is finished.)
⊂⊃ : The Cassette Deck continues to play both sides of the tape until the ■ button is pressed.

Using the Cassette Deck (Recording)





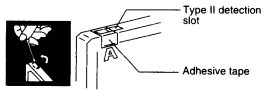


When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

Recording onto a tape from any of the sound sources is simple. Just place a tape in the Cassette Deck, have the source ready, make one or two settings, and you're ready to record. For each source the procedure is a little bit different so we explain each separately. But first, here are a few things to make your recordings better.

Things To Know Before You Start Recording

- **It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.**
- When you want to record onto both sides of a tape, you can set Reverse mode to do so. Recording automatically stops after recording in the ◄ direction. Therefore, make sure that the tape direction is ► when recording with Reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Nor is it affected by adjusting the sound effects. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or recording.



- To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a type II tape is used, only cover part of the hole as shown, since the other part of the hole (Type II detection slot) is used to detect the tape type.
- Type I and Type II tapes can be used for recording.

Note: At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Thus, when recording CDs or radio broadcasts, wind on the leader tape first to ensure getting the beginning of the recording.

CAUTION: If a recording you make has excessive noise or static, the Unit may have been too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

You can record any sound source to tape as follows:

Insert a blank or erasable tape into the Cassette Deck and wind past the tape leader.

Press the REV. MODE button on the Unit if you want to record on both sides of the tape.

Press the button until the ⇄ indicator is lit.

- When using Reverse mode, insert the tape so that it will be recorded in the forwards ► direction.

Check the recording direction for the tape.

Make sure that the Tape Direction indicator is the same as that for the tape in the Cassette Deck. If the directions are different, press the TAPE ◁ ▷ button to correct the tape direction and then press the ■ button to stop the tape.

Prepare the source, by, for example, tuning in a radio station or turning on connected auxiliary equipment.

Note: For CD recording, refer to "CD Direct Recording" mentioned below.

Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If the tab of the cassette tape is removed to prevent erasure or recording, "NO REC" will appear on the display.

English

Notes for using Reverse mode for recording

When recording in Reverse mode, the System automatically stops when it reaches the end of the reverse ◄ direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted is forwards ►, and that the Tape Direction indicator is also forwards ►, before you start recording.

To Stop at Any Time During the Recording Process

Press the ■ button.

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

Insert a cassette into the Cassette Deck and wind past the tape leader.

Insert a CD.

Press the CD ▷/II button on the Unit or on the Remote Control.

Press the ■ button.

- If you want to record specific tracks only, program the tracks beforehand. You can check their total playback time on the display during programming. (See page 11.)

If you want to record on both sides of a tape, press the REV. MODE button on the Unit until the "⇄" indicator is lit. Make sure that the recording direction for the tape and the Tape Direction indicator is correct. (See "Notes for using Reverse mode for recording".)

Choose whether to have pauses between recorded selections.

- If nothing is done, a non-recorded pause of about four seconds will be automatically left between selections.
- If you do not want pauses between selections, do the following before proceeding to the next step.

Press the CD ▷/II button on the Unit or the Remote Control twice.

The CD player enters Pause mode.

Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If you make a recording with Reverse mode on, the Unit will record the last song at the end of the first side onto the next side from its beginning when the song has been recorded more than 12 seconds on the first side.
  If the last song has been recorded less than 12 seconds, then the previous song will again be recorded on the next side as it will not be completely recorded on the first side because of leader tape.
- After the CD player has played the entire CD, or all the programmed tracks, the tape automatically stops.

To stop at any time during the recording process, press the ■ button. The tape stops after four seconds..

Note: When making SLEEP timer settings while doing CD Direct recording, set enough time to allow for the CD to finish playing, otherwise the power will go off before recording is completed.

One Track Recording

Insert a cassette into the Cassette Deck and wind past the tape leader.

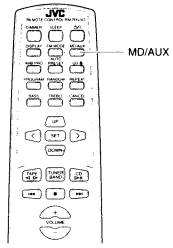
Play the track on the CD you wish to record.

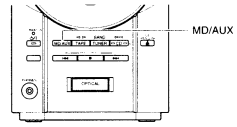
Press the REC button on the Unit.

The CD player returns to the beginning of that track and the track is recorded on the tape. After recording, the CD player and Cassette Deck automatically stop.

English

Using External Equipments





Listening to External Equipment

You can listen to external equipment such as MD recorder, turntable or other auxiliary.

■ First make sure that the external equipment is properly connected to the System. (See page 4).

1. Set the VOLUME control to the minimum position.

2. Press the MD/AUX button.

"AUX" appears on the display.

AUX

3. Start playing the external equipment.

4. Adjust the VOLUME control to the desired listening level.

5. Apply sound effects, if you wish.

■ Press the AHB PRO button to reinforce the bass sound.

■ Press the BASS/TREBLE button on the Remote Control to control the tone. (See "Tone Control" on page 7.)

To exit MD/AUX mode, you will automatically switch out of MD/AUX mode when you select another source.

Note: For operation of the external equipment, refer to its Instructions.

Recording the System's source to External Equipment

You can record the System's source to external equipment which is connected to the LINE OUT or OPTICAL DIGITAL OUT terminals of the System, such as cassette deck or MD recorder, etc.

■ First make sure that the external equipment is properly connected to the System. (See page 4).

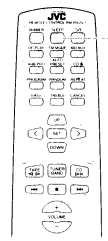
1. Play the System's CD Player, Cassette Deck, or tune into a station.

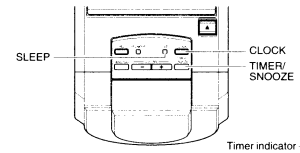
■ The recording level is not affected by the VOLUME level set by the System. Also it is not affected by the sound effects.

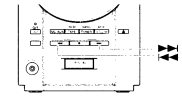
Note: For operation of the external equipment, refer to its Instructions.

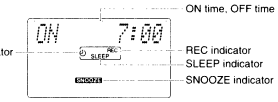
English

Using the Timers









When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

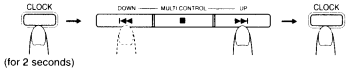
The timers let you control listening and recording functions automatically.

Setting the Clock

- When you plug the AC power cord into the wall outlet, the time indication blinks on the display.

You can set the clock whether the System is on or off.
In addition to the digital clock, the analog clock also shows the time.

Notes:
- The clock must be correctly set for the timers to work.
- The procedure must be completed within two minutes. Otherwise, the setting is cleared and must be repeated from the beginning.



(for 2 seconds)

1. Press the CLOCK button on the Unit for more than two seconds.

The time indication rapidly blinks on the display.

2. Press the ►►I or I◄◄ button on the Unit to set the time.

Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

3. Press the CLOCK button.

The selected time is set and the seconds start counting from 0.

CAUTION: If there is a power failure, the clock loses its setting after about 20 minutes. "0:00" blinks on the display and the clock must be reset.

Note: The clock may gain or lose one to two minutes per month.

Setting the Daily Timer

Once you have set the Daily Timer, the timer will be activated at the same time every day. It can be cancelled and re-activate whenever you wish.
The Timer indicator on the display shows when the Daily Timer you have set is in effect.

Note: Perform each setting within 30 seconds. Otherwise, setting is cleared and the procedure must be repeated from the beginning.

1. Press the ⏻/I button to turn on the System.

2. Setting the ON time (Example: 12:15).

1. Press the TIMER/SNOOZE button on the Unit.
   The Timer indicator lights up and the current ON time blinks on the display.

- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

ON 7:00

2. Press the ►►I or I◄◄ button on the Unit to set the time you want the Unit to come on.
   Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

ON 12:15

3. Setting the OFF time (Example: 13:15).

1. Press the TIMER/SNOOZE button on the Unit.
   The current OFF time blinks on the display.

OFF 7:00

2. Press the ►►I or I◄◄ button on the Unit to set the time you want the Unit to be turned off.
   Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

OFF 13:15

4. Selecting the music source.

1. Press the TIMER/SNOOZE button on the Unit.
   The "TUNER" blinks on the display.
2. Press the ►►I or I◄◄ button to select the music source you want to listen to.
   The display changes as shown below.
   TUNER↔TUNER REC↔CD↔TAPE↔(back to the beginning)

- When you select the "TUNER REC", the "REC" indicator appears on the display.

Setting the volume level.

1. Press the TIMER/SNOOZE button on the Unit.
   The current volume setting blinks on the display.
2. Press the ►►I or I◄◄ button to select the volume level.
   -- : The current volume level will be used.
   0 to 50: When the timer is turned on, the Volume will be automatically set to the selected level.

VOLUME -15-

Press the TIMER/SNOOZE button on the Unit.

The timer setting is completed and the display returns to the display before you set the timer. The timer indicator remains lit.

Before turning off the System, prepare the music source selected in step 4.

TUNER: Tune in to the desired station.
TUNER REC: Tune in to the desired station and insert a cassette tape for recording the station.
CD: Insert a CD.
TAPE: Insert a tape.

Press the ⏻/I button to turn off the System.

To cancel the timer, press the TIMER/SNOOZE button. The Timer indicator goes out on the display.
To re-activate the cancelled timer, press the TIMER/SNOOZE button to light the Timer indicator. Then, press the TIMER/SNOOZE button until the display returns to the original display. The Timer indicator should remain lit.
To confirm the timer settings, cancel the timer once by pressing the TIMER/SNOOZE button. Then, press the TIMER/SNOOZE button repeatedly, to see the current timer settings (ON time, OFF time, source, and volume).
To change the timer setting, repeat the setting procedure from the beginning.

- When the timer turns on, the Timer indicator starts blinking.

CAUTION: If the System is unplugged, or a power failure occurs, the timer setting will be lost. You will need to reset the clock first, then the timer.

5-Minute Snoozing

When the timer turns on the music source you can, if you wish, activate the 5-minute snoozing function to temporarily stop playback.

Press the TIMER/SNOOZE button on the Unit.

The "SNOOZE" indicator lights up on the display and the power is turned off for five minutes for snoozing.

Setting the SLEEP Timer

Use the Sleep Timer to turn the System off after a certain number of minutes when it is playing. By setting the Sleep Timer, you can fall asleep to music and know that your System will turn off by itself rather than play all night.

■ You can only set the Sleep Timer when the System is on and a source is playing.

Play a CD, a cassette tape, or tune in to the desired station.

Press the SLEEP button.

The "SLEEP" indicator lights up.

■ When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

Set the length of time you want the source to play before shutting off.

- Each time you press the SLEEP button, it changes the number of minutes shown on the display in this sequence:
  10 → 20 → 30 → 60 → 90 → 120 → Cancelled → (back to the beginning)

After setting the number of minutes for the Sleep Timer, the display will stop blinking and return to the display as before setting the Sleep Timer. (The display is dimmed.)
The System is now set to turn off after the number of minutes you set.

To Confirm the Sleep Time

When the SLEEP button is pressed, the remaining sleep time is displayed. Wait until the display returns to the original display.

To Cancel the SLEEP Timer Setting

Press the SLEEP button until the "SLEEP" indicator goes out on the display.
Turning off the System also cancels the SLEEP Timer.

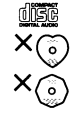
■ If you are setting the Daily Timer, the System will be turned on at the set time to wake you up.

English

Care And Maintenance

Handle your CDs carefully, and they will last a long time.

Compact Discs



- Only CDs bearing this mark can be used with this System. However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the System.

- Remove the CD from its case by holding it at the edges while pressing the case's center hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.

- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.

General Notes

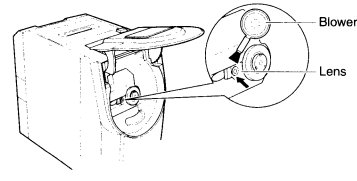
In general, you will have the best performance by keeping your CDs and the mechanism clean.

- Store CDs in their cases, and keep them in cabinets or on shelves.
- Keep the system's CD cover closed when not in use.

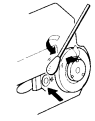
Cleaning the lens

If the lens in the CD pickup is dirty, dropout, etc., could degrade sound.
Open the CD cover and clean the lens as shown.

- Use a blower (available from a camera store) to blow dust off the lens.



- If there are fingerprints, etc. on the lens, gently wipe clean with a cotton swab.



Moisture Condensation

Moisture may condense on the lens inside the System in the following cases:

- After turning on heating in the room.
- In a damp room.
- If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

Cassette Tapes

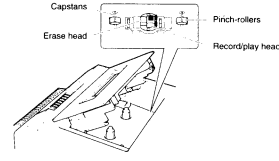
- If the tape is loose, it may get stretched, cut, or caught in the cassette. Take up the slack by inserting a pencil in one of the reels and rotating.

- Do not touch the tape surface.

- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

Cassette Deck

- If the heads, capstans, or pinch-rollers of the Cassette Deck become dirty, the following may occur:
  - Loss of sound quality
  - Discontinuous sound
  - Fading
  - Incomplete erasure
  - Difficulty recording
- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequency notes.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the System has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	• Connections are incorrect, or loose. • Headphones are connected.	• Check all connections and make corrections. (See pages 4- 5.) • Disconnect the headphones.
Unable to record.	Cassette record protect tabs are removed.	Cover the holes on the back edge of the cassette with tape.
Poor radio reception	• The antenna is disconnected. • The AM Loop Antenna is too close to the System. • The FM Wire Antenna is not properly extended and positioned.	• Reconnect the antenna securely. • Change the position and direction of the AM Loop Antenna. • Extend FM Wire Antenna to the best reception position.
The CD skips.	The CD is dirty or scratched.	Clean or replace the CD.
The CD does not play.	The CD is upside down.	Put the CD in with the label side up.
Unable to operate the Remote Control.	• The path between the Remote Control and the sensor on the Unit is blocked. • The batteries have lost their charge.	• Remove the obstruction. • Replace the batteries.
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the System then plug it back in.
The cassette holder cannot be opened.	During tape playing, the power cord was unplugged.	Plug in the power cord, press the ⏻/I button, and then press the ⏏ button.

English

English

Specifications

Amplifier

Output Power	34 W (17 W + 17 W) at 4 ohms (Max.) 24 W (12 W + 12 W) at 4 ohms (10% THD)
Input Sensitivity/Impedance (1 kHz)	
LINE IN (AUX)	500 mV/65 kohms
Output Sensitivity/Impedance (1 kHz)	
LINE OUT	500 mV/4.3 kohms
Optical out	–21 dBm - –15 dBm
Speaker terminals	4 - 16 ohms
Phones	16 ohms - 1 kohms 0 - 15 mW/ch output into 32 ohms

Cassette Deck

Frequency Response	
TypeII (CrO_2)	50 Hz - 15 kHz
Wow and Flutter	0.15 % (WRMS)

CD Player

Signal-To-Noise Ratio	90 dB
Wow And Flutter	Unmeasurable

Tuner

FM Tuner	
Tuning Range	87.5 - 108.0 MHz
AM Tuner	
Tuning Range	(MW) 522 - 1,629 kHz (LW) 144 - 288 kHz

Speaker Specifications

(each unit)

Speakers	8 cm cone
Impedance	4 ohms
Dimensions	140 × 230 × 217 mm (W/H/D)
Mass	Approx. 1.8 kg

General

Dimensions	438 × 232 × 310.5 mm (W/H/D)
Mass	Approx. 7.2 kg

Accessories

Power Cord (1)
AM Loop Antenna (1)
Remote Control (1)
Batteries R6P (SUM-3)/AA (15F) (2)
FM Wire Antenna (1)

Power Specifications

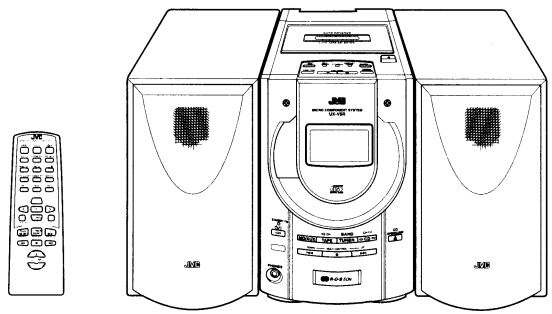
Power Requirements	AC 230 V ~ , 50 Hz
Power Consumption	38 watts (power on mode) 3.5 watts (in Standby mode)

Design and specifications are subject to change without notice.

JVC

MICRO COMPONENT SYSTEM
MIKRO-KOMPONENTEN-SYSTEM
SYSTEME DE MICROCOMPOSANTS
MIKRO KOMPONENTENSYSTEEM
SISTEMAS DE MICROCOMPONENTES
SISTEMA A MICROCOMPONENTI

UX-V5R



R·D·S EON

COMPACT disc DIGITAL AUDIO

INSTRUCTIONS
BEDIENUNGSANLEITUNG
MANUEL D'INSTRUCTIONS
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
ISTRUZIONI

For Customer Use:
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

LVT0211-001A
[E]

Warnings, Cautions and Others / Warnung, Achtung und sonstige Hinweise /Mises en garde, précautions et indications diverses /Waarschuwingen, voorzorgen en andere mededelingen/Avisos, precauciones y otras notas / Avvertenze e precauzioni da osservare

Caution — ⏻/I switch!
Disconnect the mains plug to shut the power off completely. The ⏻/I switch in any position does not disconnect the mains line. The power can be remote controlled.

Achtung — ⏻/I Schalter!
Den Netzstecker aus der Steckdose ziehen, um die Stromversorgung vollkommen zu unterbrechen. Der Schalter ⏻/I unterbrichet in keiner Stellung die Stromversorgung vollkommen. Die Stromversorgung kann mit der Fernbedienung ein- und ausgeschaltet werden.

Attention — Commutateur ⏻/I!
Déconnecter la fiche de secteur pour couper compltement le courant. Le commutateur ⏻/I ne coupe jamais compltement la ligne de secteur, quelle que soit sa position. Le courant peut tre télécommandé.

Voorzichtig — ⏻/I schakelaar!
Om de stroomtoevoer geheel uit te schakelen, trekt u de stekker uit het stopkontakt. Anders zal er altijd een geringe hoeveelheid stroom naar het apparaat lopen, ongeacht de stand van de ⏻/I schakelaar. U kunt het apparaat ook met de afstandsbediening aan- en uitschakelen.

Precaución — Interruptor ⏻/I!
Desconectar el cable de alimentación para desactivar la alimentación totalmente. Cualquier que sea la posición de ajuste del interruptor ⏻/I, la alimentación no es cortada completamente. La alimentación puede ser controlada remotamente.

Attenzione — L'interruttore ⏻/I !
Disinserire la spina del cavo di alimentazione dalla presa della rete elettrica per staccare completamente l'alimentazione. L'interruttore ⏻/I in nessuna posizione stacca la linea di alimentazione elettrica principale. È possibile il controllo remoto dell'alimentazione.

Per l'Italia:
"Si dichiara che il questo prodotto di marca JVC è conforme alle prescrizioni del Decreto Ministeriale n.548 del 28/08/95 pubblicato sulla Gazzetta Ufficiale della Repubblica Italiana n.301 del 28/12/95."

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

ACHTUNG
Zur Verhinderung von elektrischen Schlägen, Brandgefahr, usw:
1. Keine Schrauben lösen oder Abdeckungen entfernen und das Gehäuse nicht öffnen.
2. Dieses Gerät weder Regen noch Feuchtigkeit aussetzen.

ATTENTION
Afin d'éviter tout risque d'électrocution, d'incendie, etc.:
1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

VOORZICHTIG
Ter vermindering van gevaar voor brand, elektrische schokken, enz.:
1. Verwijder geen schroeven, panelen of de behuizing.
2. Stel het toestel niet bloot aan regen of vocht.

PRECAUCIÓN
Para reducir riesgos de choques eléctricos, incendio, etc.:
1. No extraiga los tornillos, los cubiertas ni la caja.
2. No exponga este aparato a la lluvia o a la humedad.

ATTENZIONE
Per ridurre il rischio di shock elettrici, incendi, ecc...
1. Non togliete viti, coperchi o la scatola.
2. Non esponete l'apparecchio alla piogggia e all'umidità.

Thank you for purchasing the JVC Micro Component System.
We hope it will be a valued addition to your home, giving you years of enjoyment.
Be sure to read this instruction manual carefully before operating your new stereo system.
In it you will find all the information you need to set up and use the system.
If you have a query that is not answered by the manual, please contact your dealer.

Here are some of the things that make your System both powerful and simple to use.

- The controls and operations have been redesigned to make them very easy to use, freeing you to just enjoy the music.
  - With JVC's **COMPU PLAY** you can turn on the System and automatically start the Radio, Cassette deck or CD Player with a single touch.
- The System incorporates Active Hyper Bass PRO circuitry to faithfully reproduce low frequency sounds.
- A 45-station preset capability (30 FM and 15 AM (MW/LW)) in addition to auto-seek and manual tuning.
- Versatile CD options include repeat, random and program play.
- Timer functions; Daily Timer and Sleep Timer.
- Auto-reverse tape function.
- The System is compatible with RDS (Radio Data System) broadcasting.
  - The EON data enables you to standby for desired information.
  - The PTY Search function searches for programmes in the category you wish.

  In addition, Radio Text can be displayed using data sent by station.
- You can connect various external units, such as an MD recorder.

- Basic information that is the same for many different functions - e.g. setting the volume - is given in the section 'Common Operations', and not repeated under each function.
- The names of buttons/controls and display messages are written in all capital letters: e.g. TUNER BAND, "NO DISC".
- System functions are written with an initial capital letter only: e.g. Normal Play.

Use the table of contents to look up specific information you require.
We've enjoyed making this manual for you, and hope it serves you in enjoying the many features built into your System.

Installation of the System

- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the System and a TV.
- Do not use the System in a place subject to vibrations.

Power cord

- Do not handle the power cord with wet hands!
- Some power is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.

Malfunctions, etc.

- There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the System.

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English

Getting Started

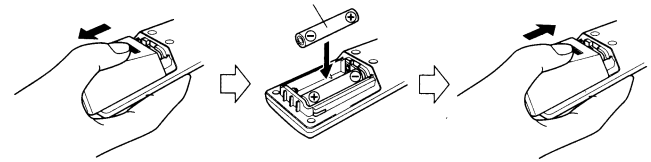
Make sure that you have all of the following items, which are supplied with the System.

Power Cord (1)
AM Loop Antenna (1)
Remote Control (1)
Batteries (2)
FM Wire Antenna (1)

If any of these items are missing, contact your dealer immediately.

Match the polarity (+ and –) on the batteries with the + and – markings in the battery compartment.

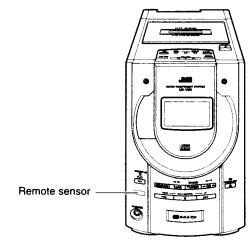
R6P(SUM-3)/AA(15F)



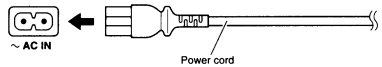
CAUTION: Handle batteries properly.
To avoid battery leakage or explosion:

- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery with a new one.
- Don't use different types of batteries together.

The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away.
You need to point the Remote Control at the remote sensor on the System's front panel.



Firmly insert the supplied AC power cord into the AC inlet on the back of the Unit.



CAUTIONS:

- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

Now you can plug the AC power cord into the wall outlet, and your System is at your command!

JVC's COMPU PLAY feature lets you control the most frequently used System functions with a single touch.
With One Touch Operation you can play a CD, a tape, turn on the radio, or listen to an external equipment with a single press of the play button for that function. One Touch Operation turns the power on for you, then starts the function you have specified. If the System is not ready (no CD in place), the System still powers on so you can insert a CD.
How One Touch Operation works in each case is explained in the section dealing with that function.
The COMPU PLAY buttons are:

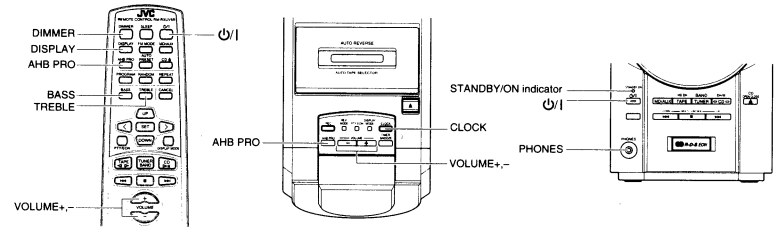
On the Unit	On the Remote Control
CD ▷/II button	CD ▷II button
TUNER BAND button	TUNER BAND button
TAPE ◁ ▷ button	TAPE ◁ ▷ button
MD/AUX button	MD/AUX button

The System automatically turns on with the following operation.

- When you press the CD ⏏ button, the System automatically turns on and the CD cover opens to allow CD insertion. However, this operation does not change the function to CD.
  When you press the ⏻/I button to turn off the System, the CD cover will automatically closed if it is opened.

English

Common Operations



Turning the System On

Press the ⏻/I button.

The display comes on and "HELLO" is displayed once. The STANDBY/ON indicator lights in green.
The System comes on ready to continue in the mode it was in when the power was last turned off.

- For example, if the last thing you were doing was listening to a CD, you are now ready to listen to a CD again. If you wish, you can change to another source.
- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

Turning the System Off

Press the ⏻/I button again.

"GOOD BYE" is displayed and the display goes out, except for the clock display. The STANDBY/ON indicator lights in red.

- Some power is always consumed even though power is turned off (called Standby Mode).
- To switch off the System completely, unplug the AC power cord from the wall outlet. When you unplug the AC power cord, the clock will be reset to 0:00 after about 20 minutes.

You can adjust the brightness of the backlighting for the display.

When the System is Turned On

To make the brightness of the backlighting darker, press the DIMMER button on the Remote Control.
To make the brightness brighter, press the DIMMER button on the Remote Control again.

When the System is Turned Off (STANDBY MODE)

To turn on the backlighting, press the DIMMER button on the Remote Control. The brightness is the same as for darker one mentioned above.
To turn off the backlighting, press the DIMMER button on the Remote Control again.

Press the VOLUME + button to increase the volume or press the VOLUME – button to decrease it.

You can adjust the volume level between 0 and 50.

CAUTION: DO NOT turn on the System and/or start playing any source without first setting the VOLUME control to minimum, as a sudden blast of sound could damage your hearing, speakers and/or headphones.

For private listening

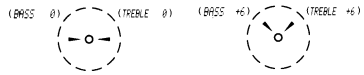
Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers.
Be sure to turn down the volume before connecting or putting on headphones.

You can reinforce the bass sound to maintain rich, full bass at low volume (you can use this effect only for playback):
To get the effect, press the AHB (Active Hyper Bass) PRO button.
The "BASS" indicator lights up on the display.
To cancel the effect, press the button again.
The "BASS" indicator goes out.

You can control the tone by changing the bass and treble.
The analog clock acts to display the bass and treble settings.
By pressing either the BASS or TREBLE button on the Remote Control, you can visually see the current tone control settings.

Examples:

FLAT — Fully boosted

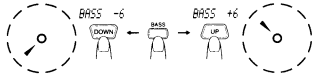


BASS Control

You can adjust the bass level (low frequency range level) between –6 and +6. (0: Flat)

Press the BASS button on the Remote Control.

Press the UP or DOWN button on the Remote Control to adjust the bass level.

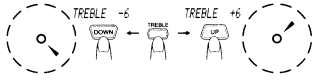


TREBLE Control

You can adjust the treble level (high frequency range level) between –6 and +6. (0: Flat)

Press the TREBLE button on the Remote Control.

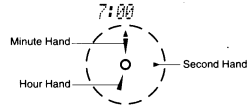
Press the UP or DOWN button on the Remote Control to adjust the treble level.



In Standby mode, the digital clock and analog clock appear on the display at the same time. Meanwhile, only the analog clock is displayed when a music source is selected. Namely, you can see the analog clock at all times.

When the System is turned on, you can display the digital clock at any time.

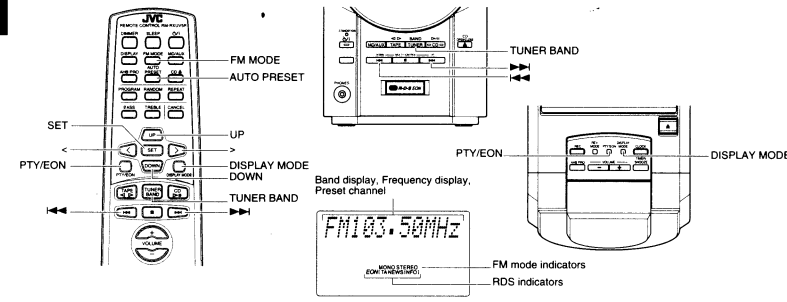
To display the digital clock, press the CLOCK button on the Unit or DISPLAY button on the Remote Control.
To return to the previous mode, press the same button again.



Note: To let work the clock, you need to set the clock beforehand. (See "Setting the Clock" on page 18.)

English

Using the Tuner



When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

You can listen to FM and AM (MW/LW) stations. Stations can be tuned in manually, automatically, or from preset memory storage.

■ Before listening to the radio:
- Make sure that both the FM and AM (MW/LW) antennas are correctly connected. (See page 3).

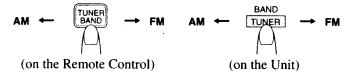
One Touch Radio

Just press the TUNER BAND button to turn on the System and start playing the station you were last tuned to.

■ You can switch from any other sound source to the radio by pressing the TUNER BAND button.

Press the TUNER BAND button.

The Band and Frequency you were last tuned to appear on the display.
(If the last station was selected using the preset number, the preset number appears first.)
Each time you press the button, the band alternates between FM and AM (MW/LW).



Select a station using one of the following methods.

■ **Manual Tuning**
Press the ⏮ or ⏭ button on the Unit or the Remote Control repeatedly to move from frequency to frequency until you find the station you want.

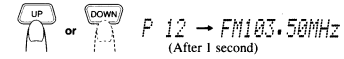
OR

■ **Auto Tuning**
If you press and hold the ⏮ or ⏭ button on the Unit or the Remote Control for one second or more, the frequency changes down, or up, automatically until a station is found.

OR

■ **Preset Tuning using the Remote Control (Possible only after presetting stations)**

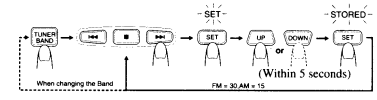
Select the desired preset number using the Up, Down, > and < button on the Remote Control. After 1 second the display will show the preset number's band and frequency.
Example: Press the UP button until the preset number 12 "P12" appears.



You can preset up to 30 FM stations and up to 15 AM (MW/LW) stations using the Remote Control.

Note: Preset numbers may have been set to factory test frequencies prior to shipment. This is not a malfunction. You can preset the stations you want into memory by following one of the presetting methods below.

Manual Presetting



Select a band by pressing the TUNER BAND button.

Press the ⏮ or ⏭ button to tune in a station.

Press the SET button.

"SET" will blink for 5 seconds.
Within 5 seconds, proceed to the next step.
When the display returns to the one set in STEP2 after 5 seconds, press the SET button again.

4. Press the UP, DOWN, >, or < button within 5 seconds to select the preset number.

UP or > button: Increases the preset number by 1.
DOWN or < button: Decreases the preset number by 1.

- When the > or < button is kept pressed, the preset number changes rapidly.

5. Press the SET button within 5 seconds.

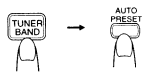
"STORED" appears and after 2 seconds, the display returns to the broadcast frequency display.

6. Repeat above steps 1 to 5 for each station you want to store in memory with a preset number.

To change the preset stations, repeat the same steps as above.

Auto Presetting

In each band, you can automatically preset FM-30, AM (MW/LW)-15 stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up the frequency.



(for 2 seconds)

1. Select a band by pressing the TUNER BAND button.

2. Press the AUTO PRESET button on the Remote Control for more than two seconds.

3. Repeat steps 1-2 for the other band.

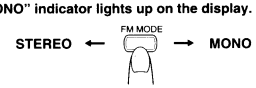
■ If you want to change the preset stations, carry out the Manual Presetting for the desired preset numbers.

CAUTION: Even if the system is unplugged or if the power failure occurs, the preset stations will be stored for about 24 hours. However, in case the preset stations are erased, you will need to preset the stations again.

To Change the FM Reception Mode

When you are tuned into an FM stereo broadcast, the "STEREO" indicator lights up and you can hear stereo effects.
If an FM stereo broadcast is hard to receive or noisy, you can select Monaural mode. Reception improves, but you lose any stereo effect.

Press the FM MODE button on the Remote Control so that the "MONO" indicator lights up on the display.



To restore the stereo effect, press the FM MODE button on the Remote Control so that the "MONO" indicator goes off.

Receiving FM Stations with RDS

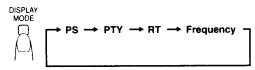
You can use the RDS (Radio Data System) by using the buttons on the Unit or the Remote Control.
RDS allows FM stations to send additional signals with their regular programme signals. For example, the stations send their station names, and information about what type of programmes they broadcast, such as sports or music, etc. This unit can receive the following types of RDS signals:

PS (Programme Service):
shows commonly known station names.
PTY (Programme Type):
shows types of broadcast programmes.
RT (Radio Text):
shows text messages the station sends.

What information can RDS signals provide?
The display shows RDS signal information that the station sends.

To show the RDS signals on the display

Press the DISPLAY MODE button while listening to an FM station.
Each time you press the button, the display changes to show information in the following order:



PS (Programme Service):
While searching, "PS" appears, then station name is displayed. "NO PS" appears if no signal is sent.
PTY (Programme Type):
While searching, "PTY" appears, then broadcast programme type is displayed. "NO PTY" appears if no signal is sent.
RT (Radio Text):
While searching, "RT" appears, then a text message sent by the station is displayed. "NO RT" appears if no signal is sent.
Station Frequency:
Station frequency (non-RDS service)

Notes:

- If searching finishes at once, "PS", "PTY" and "RT" will not appear on the display.
- If you press the DISPLAY MODE button while listening to an AM (MW/LW) station, the display only shows station frequency.
- RDS is not available for AM (MW/LW) broadcasts.

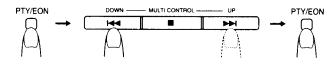
English

On characters displayed
When the display shows PS, PTY or RT signals:

- The display shows upper case letters only.
- The display cannot show accented letters; For example, "A" may represent accented "A's" like "Á, Â, Ã, À, Ä and Å".

To search for a programme by PTY codes

One of the advantages of the RDS service is that you can locate a particular kind of programme by specifying the PTY codes.
To search for a programme using PTY or TA codes:



1. Press the PTY button once while listening to an FM station.

"PTY SELECT" appears on the display.

2. Select the PTY code using the ⏮ or ⏭ button (or UP or DOWN button on the Remote Control) within 10 seconds.

Each time you press the button, the display shows a category in the following order:

NEWS ↔ AFFAIRS ↔ INFO ↔ SPORT ↔ EDUCATE ↔ DRAMA ↔ CULTURE ↔ SCIENCE ↔ VARIED ↔ POP M ↔ ROCK M ↔ M.O.R.M ↔ LIGHT M ↔ CLASSICS ↔ OTHER M ↔ WEATHER ↔ FINANCE ↔ CHILDREN ↔ SOCIAL A ↔ RELIGION ↔ PHONE IN ↔ TRAVEL ↔ LEISURE ↔ JAZZ ↔ COUNTRY ↔ NATIONAL ↔ OLDIES ↔ FOLK M ↔ DOCUMENT ↔ TEST ↔ ALARM! ↔ NEWS

3. Press the PTY button within 10 seconds again.

While searching, the display alternates between "SEARCH" and the selected PTY code.
The unit searched 30 preset stations and stops when it finds a station of the category you have selected, then tunes into that station.

To continue searching after the first stop,
press the PTY button again while the display indications blink.
If no programme is found, "NOT FOUND" appears on the display.
To stop searching at any time during the process,
press the PTY button to stop search operation.

Descriptions of the PTY Codes

NEWS:	News
AFFAIRS:	Topical programme expanding on the current news or affairs
INFO:	Programmes on medical service, weather forecasts, etc.
SPORT:	Sports events
EDUCATE:	Educational programmes
DRAMA:	Radio plays
CULTURE:	Programmes on national or regional culture
SCIENCE:	Programmes on natural sciences and technology
VARIED:	Other programmes like comedies or ceremonies
POP M:	Pop music
ROCK M:	Rock music
M.O.R.M:	Middle-of-the-road music (usually called "easy listening")
LIGHT M:	Light music
CLASSICS:	Classical music
OTHER M:	Other music
WEATHER:	Weather information
FINANCE:	Reports on commerce, trading, the Stock Market, etc.
CHILDREN:	Entertainment programmes for children
SOCIAL A:	Programmes on social activities
RELIGION:	Programmes dealing with any aspect of belief or faith, or the nature of existence or ethics
PHONE IN:	Programmes where people can express their views either by phone or in a public forum
TRAVEL:	Programmes about travel destinations, package tours, and travel ideas and opportunities
LEISURE:	Programmes concerned with recreational activities such as gardening, cooking, fishing, etc.
JAZZ:	Jazz music
COUNTRY:	Country music
NATIONAL:	Current popular music from another nation region, in that country's language
OLDIES:	Classic pop music
FOLK M:	Folk music
DOCUMENT:	Programmes dealing with factual matters, presented in an investigative style
TEST:	Test broadcasts
ALARM!:	Emergency broadcasts

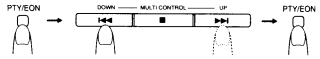
To temporarily switch to a broadcast programme of your choice
EON (Enhanced Other Networks) is another convenient RDS service that allows this unit to switch temporarily to a broadcast programme of your choice (NEWS, TA or INFO) from the currently selected station, except if you are listening to a non-RDS station (all AM (MW/LW) stations or some FM stations).

- If an FM station does broadcast EON information, EON cannot be activated.

[Example]

A	A, Á, Â, À, Å, Ã, Ä	K	K	U	U, Ú, Û, Ù, Ü	0	0	#	•	<	<
B	B	L	L	V	V	1	1	+	+	>	>
C	C, Ć, Č,	M	M	W	W	2	2	–	–	=	=
D	D, Đ,	N	N, Ñ	X	X	3	3	'	'	\	\
E	E, É, Ê, Ë, È, Ę,	O	O, Ó, Ô, Õ, Ö, Ò, Ø	Y	Y	4	4	'	'	'	'
F	F	P	P	Z	Z, Ż, Ž,	5	5	/	/	‖	‖
G	G	Q	Q			6	6	_	...	!	!
H	H	R	R, Ŕ, Ř,			7	7	-	—		
I	I, Í, Î, Ì, Ï, Ī,	S	S, Ś, Š,			8	8	_	__		
J	J	T	T			9	9	/	|		

To select a programme type



1. Press the EON button twice while listening to an FM station.
"EON SELECT" apears on the display.

2. Select the programme type with the ⏮ or ⏭ button (UP or DOWN button on the Remote Control) within 10 seconds.
The display shows a programme type in the following order:

→ TA ↔ NEWS ↔ INFO ←
→ OFF ←

TA: Traffic Announcement
NEWS: News
INFO: Programmes on medical service, weather forecast, etc.
OFF: EON off

3. Press the EON button within 10 seconds again to set the selected programme type.
The selected programme type indicator lights up on the display, and the unit enters EON Standby mode.

- The EON indicator lights up when tuned to a station which provides EON information.

Case 1: If there is no station broadcasting the type of programme you have selected
The broadcast station being currently heard will continue to be heard.
⬇
When a station starts broadcasting the programme you have selected, this unit automatically switches to the station. The programme type (TA, NEWS or INFO) indicator starts blinking.
⬇
When the programme is over, this unit goes back to the currently selected station, but still remains in EON Standby mode.

Case 2: If there is a station broadcasting the type of programme you have selected
This unit tunes to the station broadcasting the programme. The programme type (TA, NEWS or INFO) indicator starts blinking.
⬇
When the programme is over, this unit goes back to the currently selected station, but still remains in EON Standby mode.

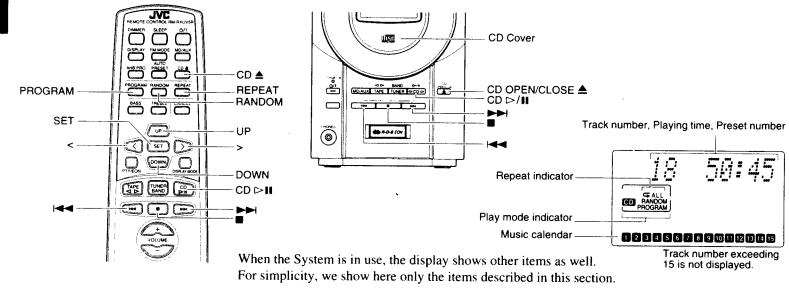
Notes:
- If the EON is in standby mode and the function (CD, TAPE, MD/AUX) switch is changed or the power is switched off, then the EON mode will be released. When the band is set to AM (MW/LW), the EON is not activated. When the band is set to FM again, the EON will be set to standby mode.
- When the EON is being operated (i.e. the selected programme type is being received from the broadcast station) and if the DISPLAY MODE or ⏮, ⏭ button is operated, the station will not switch back to the current selected station even after the programme ends. The programme type indicator remains in the display, indicating that the EON is in standby mode.
- When the EON is in standby mode and a radio broadcast is being recorded, be careful because the EON may be activated and a different programme than the intended one may be recorded. When the EON mode is not required, release the EON mode.
- When the alarm signal is detected by EON, the station broadcasting the alarm is received with priority. "ALARM!" is not displayed.

Caution:
When the sound alternated intermittently between the station tuned in by the EON function and the current selected station, cancel the EON mode. This does not constitute malfunction of the unit.

English

English

Using the CD Player



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

You can use Normal, Random, Program or Repeat Play. Repeat Play can repeat all the tracks or just one of the tracks on the CD. Here are the basic things you need to know to play a CD and locate the different tracks on it.

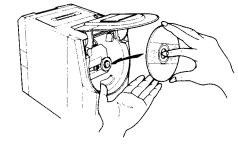
The Quickest Way To Start a CD Is With the One Touch Operation

■ Press the CD ▷/II button on the Unit or the Remote Control.
- The power is automatically turned on. If a CD is already inserted, it will start playing from the first track.
- If no CD is inserted, "NO DISC" appears on the display and the CD Player remains in Stop mode.

To Insert a CD

1. Press the CD OPEN/CLOSE ⏏ button on the Unit (or the CD ⏏ button on the Remote Control.)
The CD cover opens.

2. Place a CD, with its label side out as shown below. Press down on the CD's center until you hear a click.



3. Press the CD OPEN/CLOSE ⏏ button (or CD ⏏ button) again to close the CD cover.
- To close the CD cover and pl: y the CD, you can just press the CD ▷/II button.

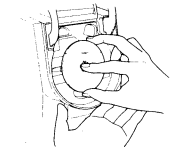
■ You can place an 8 cm (3") CD without an adaptor.
■ If the CD cannot be read correctly (because it is scratched, for example), " 0 0:00" appears on the display.
■ You can insert a CD while listening to the other source.

CAUTIONS:
- **DO NOT try to open or close the CD cover by hands as it will be damaged.**
- **When you place or take out a CD, do not let it fall. Also, be careful not to scratch your fingers with a CD cover.**

To Unload a CD

Take out the CD as shown below.

■ To unload an 8 cm (3") CD, use the concavity to make removal easier.



Starting of Normal Play, CD Pause and Stop Play

To Play a CD

1. Insert a CD.

2. Press the CD ▷/II button.
The first track of the CD begins playing.

1 0:05
Track number Playback time

- The track number that has already played disappears from the music calendar.
- The CD Player automatically stops when the last track of the CD has finished playing.

To stop playing the CD, press the ■ button.
The following information for the CD is displayed.

18 50:45

Total track number Total playback time

To stop playing and remove the CD, press the CD OPEN/CLOSE ≜ button on the Unit or CD ≜ button on the Remote Control to open the CD cover.
To pause, press the CD ▷/II button. The playback time blinks on the display.
To cancel pause, press the same button again. Play continues from the point where it was paused.

To Select a Track or Passage within a Track

During playback, press the ⏮ or ⏭ (< or >) button to select the track you want.
The selected track starts playing.

- Press the ⏭ or > button once to skip to the beginning of the next track.
- Press the ⏮ or < button to skip to the beginning of the track being played. Press twice quickly to skip to the beginning of the previous track.
- When the > or < button on the Remote Control is kept pressed, the track continuously skips.

Search Play

Holding down the ⏮ or ⏭ button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the track you are listening to.

Programming the Playback Order

You can program the playing order of the tracks **using the Remote Control**.

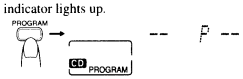
■ You can program up to 20 tracks in any desired order including the same tracks.
■ You can only make a program when the CD Player is stopped.

Insert a CD.

Press the CD ▷II button.

Press the ■ button to stop the CD.

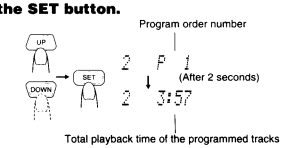
Press the PROGRAM button.
The System enters the programming mode and the "CD PROGRAM" indicator lights up.



Press the UP, DOWN, >, or < button to select the track to program.
UP or > button: Increases the track number by 1.
DOWN or < button: Decreases the track number by 1.

- When the > or < button is kept pressed, the track number changes rapidly.

Press the SET button.



Repeat steps 5 and 6 to select the other tracks for the program.

You can see the total playback time of programmed tracks on the display. Also, you can see the programmed tracks on the music calendar.

Press the CD ▷II button.
The System plays the tracks in the order you have programmed them.

■ You can skip to a particular program track by pressing the ⏮ or ⏭ button during Program Play.
■ To stop playing, press the ■ button once.

To confirm the programmed tracks while the CD player is stopped, each time press the ⏮ or ⏭ button; the tracks making up the program will successively be displayed in the programmed order.
To delete all the tracks in the program, in stop mode, press the ■ button. Pressing the CD ≜ button to open the CD cover will also clear the programmed tracks.
To exit the program mode once, while the CD Player is stopped, press the PROGRAM button to light off the "CD PROGRAM" indicator.
Notes:

- If the total playback time of the programmed tracks exceeds 99 minutes 59 seconds, the total playback time will go out on the display.
- If you try to program the 21th track, "MEMORY FULL" appears on the display for about 2 seconds.

To Modify the Program

Modify the contents of the program while the CD Player is stopped. Each time you press the CANCEL button, the last track in the program is deleted. To add new tracks to the end of the program, repeat above steps 5 to 7.

Random Play

The tracks will play in no special order when you use this mode.

Press the RANDOM button on the Remote Control.
The "CD RANDOM" indicator lights up on the display.

Press the CD ▷II button.
The tracks are played in random order.
To skip a track during playback, press the ⏭ button to jump to the next track in the random sequence. Press the ⏮ button to jump back to the start of a track being played.
To exit Random Play mode, while the CD Player is stopped, press the RANDOM button to light off the "CD RANDOM" indicator and carry out Normal Play, or press the CD ≜ button to open the CD cover.

Repeating Tracks

You can set the program or individual track playing to repeat as many times as you like.

Press the REPEAT button on the Remote Control.
The Repeat indicator changes with each press of the button, as shown below.

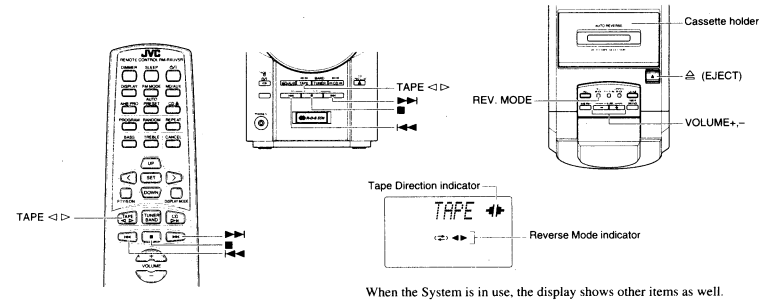
⊂ → ⊂ **ALL** → **blank display** → (back to the beginning)
⊂ : Repeats one track.
⊂ **ALL** : In Normal Play mode, repeats all the tracks.
In Program Play mode, repeats all the tracks in the program.
In Random Play mode, repeats all the tracks in random order.

To exit Repeat mode, press the REPEAT button until the Repeat indicator on the display goes out.

■ In Random Play, as a matter of course, ⊂ cannot be selected.
■ Repeat mode remains in effect even when you change the play mode.

English

Using the Cassette Deck (Listening to a Tape)



When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

The Cassette Deck allows you to play and record audio tapes.

■ With Automatic Tape Detection, you can listen to type I, II or IV tapes without having to change any settings.

> The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.

One Touch Play

By pressing the TAPE ◁ ▷ button on the Unit or the Remote Control, the Unit will come on, "TAPE" appears in the display, and if a tape is in the deck, it will start to play. If no tape is loaded, "NO TAPE" appears on the display, the Unit will come on and wait for you to insert a tape, or select another function.

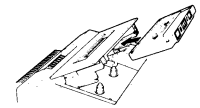
Regular Play

When the power is already on, you can use this basic procedure:

Press the ≜ (EJECT) button.

When the cassette holder opens, put the cassette in, with the side you want to listen facing up.

- If the cassette holder does not open, turn the Unit off, then back on and press the ≜ (EJECT) button again.



Close the holder gently until it clicks.

Press the TAPE ◁ ▷ button.
The tape is played in the direction shown by the Tape Direction indicator.

If you need to change the playback direction, press the TAPE ◁ ▷ again.
The opposite side Tape Direction indicator lights up and the tape playback direction changes.
To stop playing, press the ■ button.
To remove the tape, stop the tape, and press the ≜ (EJECT) button.

To Fast-Wind A Tape

■ Press the ⏭ or ⏮ button on the Unit or the Remote Control to fast-wind the tape. ▶▶ or ◀◀ indicator of the tape fast-wind direction appears on the display.

- The Cassette Deck automatically stops when the tape reaches its end.

Reverse Mode

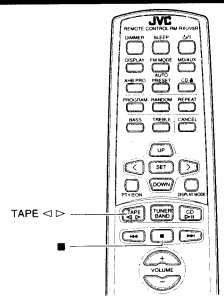
You can set a tape to play just one side, both sides in succession, or both sides continuously.

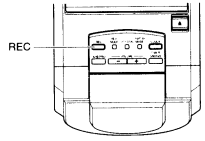
Press the REV. MODE button on the Unit.
The indicator changes with each press of the button as shown.

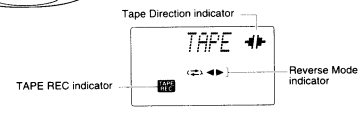
⇄ → ⇄ → (⇄) → (back to the beginning)

⇄ : The Cassette Deck automatically stops after playing one side of the tape.
⇄ : The Cassette Deck automatically stops after playing both sides of the tape. (Stops when playback in the ◀ direction is finished.)
(⇄) : The Cassette Deck continues to play both sides of the tape until the ■ button is pressed.

Using the Cassette Deck (Recording)





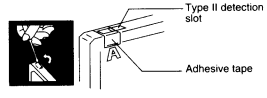


When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

Recording onto a tape from any of the sound sources is simple. Just place a tape in the Cassette Deck, have the source ready, make one or two settings, and you're ready to record. For each source the procedure is a little bit different so we explain each separately. But first, here are a few things to make your recordings better.

Things To Know Before You Start Recording

- **It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.**
- When you want to record onto both sides of a tape, you can set Reverse mode to do so. Recording automatically stops after recording in the ◄ direction. Therefore, make sure that the tape direction is ► when recording with Reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Nor is it affected by adjusting the sound effects. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or recording.



- To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a type II tape is used, only cover part of the hole as shown, since the other part of the hole (Type II detection slot) is used to detect the tape type.
- Type I and Type II tapes can be used for recording.

Note: At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Thus, when recording CDs or radio broadcasts, wind on the leader tape first to ensure getting the beginning of the recording.

CAUTION: If a recording you make has excessive noise or static, the Unit may have been too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

Standard Recording

You can record any sound source to tape as follows:

1. Insert a blank or erasable tape into the Cassette Deck and wind past the tape leader.

2. Press the REV. MODE button on the Unit if you want to record on both sides of the tape.

Press the button until the ⇄ indicator is lit.

- When using Reverse mode, insert the tape so that it will be recorded in the forwards ► direction.

3. Check the recording direction for the tape.

Make sure that the Tape Direction indicator is the same as that for the tape in the Cassette Deck. If the directions are different, press the TAPE ◁ ▷ button to correct the tape direction and then press the ■ button to stop the tape.

4. Prepare the source, by, for example, tuning in a radio station or turning on connected auxiliary equipment.

Note: For CD recording, refer to "CD Direct Recording" mentioned below.

5. Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If the tab of the cassette tape is removed to prevent erasure or recording, "NO REC" will appear on the display.

Notes for using Reverse mode for recording

When recording in Reverse mode, the System automatically stops when it reaches the end of the reverse ◄ direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted is forwards ►, and that the Tape Direction indicator is also forwards ►, before you start recording.

To Stop at Any Time During the Recording Process

Press the ■ button.

CD Direct Recording

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

1. Insert a cassette into the Cassette Deck and wind past the tape leader.

2. Insert a CD.

3. Press the CD ▷/II button on the Unit or on the Remote Control.

4. Press the ■ button.

- If you want to record specific tracks only, program the tracks beforehand. You can check their total playback time on the display during programming. (See page 13.)

5. If you want to record on both sides of a tape, press the REV. MODE button on the Unit until the "⇄" indicator is lit. Make sure that the recording direction for the tape and the Tape Direction indicator is correct. (See "Notes for using Reverse mode for recording".)

6. Choose whether to have pauses between recorded selections.

- If nothing is done, a non-recorded pause of about four seconds will be automatically left between selections.
- If you do not want pauses between selections, do the following before proceeding to the next step.

Press the CD ▷/II button on the Unit or the Remote Control twice.

The CD player enters Pause mode.

7. Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If you make a recording with Reverse mode on, the Unit will record the last song at the end of the first side onto the next side from its beginning when the song has been recorded more than 12 seconds on the first side.
  If the last song has been recorded less than 12 seconds, then the previous song will again be recorded on the next side as it will not be completely recorded on the first side because of leader tape.
- After the CD player has played the entire CD, or all the programmed tracks, the tape automatically stops.

To stop at any time during the recording process, press the ■ button. The tape stops after four seconds.

Note: When making SLEEP timer settings while doing CD Direct recording, set enough time to allow for the CD to finish playing, otherwise the power will go off before recording is completed.

One Track Recording

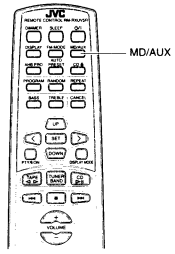
1. Insert a cassette into the Cassette Deck and wind past the tape leader.

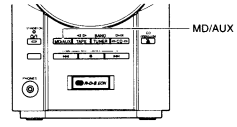
2. Play the track on the CD you wish to record.

3. Press the REC button on the Unit.

The CD player returns to the beginning of that track and the track is recorded on the tape. After recording, the CD player and Cassette Deck automatically stop.

Using External Equipments





Listening to External Equipment

You can listen to external equipment such as MD recorder, turntable or other auxiliary.

■ First make sure that the external equipment is properly connected to the System. (See page 4).

1 Set the VOLUME control to the minimum position.

2 Press the MD/AUX button.

"AUX" appears on the display.

AUX

3 Start playing the external equipment.

4 Adjust the VOLUME control to the desired listening level.

5 Apply sound effects, if you wish.

■ Press the AHB PRO button to reinforce the bass sound.

■ Press the BASS/TREBLE button on the Remote Control to control the tone. (See "Tone Control" on page 7.)

To exit MD/AUX mode, you will automatically switch out of MD/AUX mode when you select another source.

Note: For operation of the external equipment, refer to its Instructions.

Recording the System's Source to External Equipment

You can record the System's source to external equipment which is connected to the LINE OUT or OPTICAL DIGITAL OUT terminals of the System, such as cassette deck or MD recorder, etc.

■ First make sure that the external equipment is properly connected to the System. (See page 4).

1 Play the System's CD Player, Cassette Deck, or tune into a station.

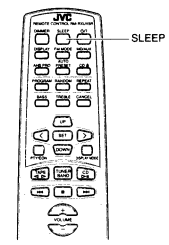
■ The recording level is not affected by the VOLUME level set by the System. Also it is not affected by the sound effects.

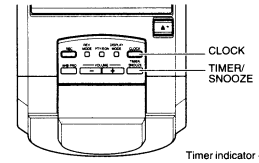
Note: For operation of the external equipment, refer to its Instructions.

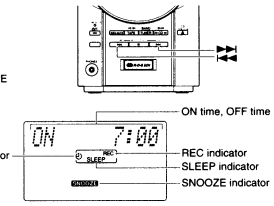
English

English

Using the Timers







When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

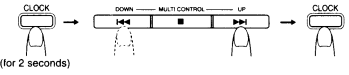
The timers let you control listening and recording functions automatically.

Setting the Clock

- When you plug the AC power cord into the wall outlet, the time indication blinks on the display.

You can set the clock whether the System is on or off.
In addition to the digital clock, the analog clock also shows the time.

Notes:
- The clock must be correctly set for the timers to work.
- The procedure must be completed within two minutes. Otherwise, the setting is cleared and must be repeated from the beginning.



1 Press the CLOCK button on the Unit for more than two seconds.

The time indication rapidly blinks on the display.

2 Press the ►►I or I◄◄ button on the Unit to set the time.

Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

3 Press the CLOCK button.

The selected time is set and the seconds start counting from 0.

CAUTION: If there is a power failure, the clock loses its setting after about 20 minutes. "0:00" blinks on the display and the clock must be reset.

Note: The clock may gain or lose one to two minutes per month.

Setting the Daily Timer

Once you have set the Daily Timer, the timer will be activated at the same time every day. It can be cancelled and re-activate whenever you wish.
The Timer indicator on the display shows when the Daily Timer you have set is in effect.

Note: Perform each setting within 30 seconds. Otherwise, setting is cleared and the procedure must be repeated from the beginning.

1 Press the ⏻/I button to turn on the System.

2 Setting the ON time (Example: 12:15).

1. Press the TIMER/SNOOZE button on the Unit.
   The Timer indicator lights up and the current ON time blinks on the display.

- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

ON -7:00-

2. Press the ►►I or I◄◄ button on the Unit to set the time you want the Unit to come on.
   Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

ON -12:15-

3 Setting the OFF time (Example: 13:15).

1. Press the TIMER/SNOOZE button on the Unit.
   The current OFF time blinks on the display.

OFF -7:00-

2. Press the ►►I or I◄◄ button on the Unit to set the time you want the Unit to be turned off.
   Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

OFF -13:15-

4 Selecting the music source.

1. Press the TIMER/SNOOZE button on the Unit.
   The "TUNER" blinks on the display.
2. Press the ►►I or I◄◄ button to select the music source you want to listen to.
   The display changes as shown below.
   TUNER↔TUNER REC↔CD↔TAPE↔(back to the beginning)

- When you select the "TUNER REC", the "REC" indicator appears on the display.

Setting the volume level.

1. Press the TIMER/SNOOZE button on the Unit.
   The current volume setting blinks on the display.
2. Press the ▶▶I or I◀◀ button to select the volume level.
   -- : The current volume level will be used.
   0 to 50: When the timer is turned on, the Volume will be automatically set to the selected level.

VOLUME -15-

Press the TIMER/SNOOZE button on the Unit.

The timer setting is completed and the display returns to the display before you set the timer. The timer indicator remains lit.

Before turning off the System, prepare the music source selected in step 4.

TUNER: Tune in to the desired station.
TUNER REC: Tune in to the desired station and insert a cassette tape for recording the station.
CD: Insert a CD.
TAPE: Insert a tape.

Press the ⏻/I button to turn off the System.

To cancel the timer, press the TIMER/SNOOZE button. The Timer indicator goes out on the display.
To re-activate the cancelled timer, press the TIMER/SNOOZE button to light the Timer indicator. Then, press the TIMER/SNOOZE button until the display returns to the original display. The Timer indicator should remain lit.
To confirm the timer settings, cancel the timer once by pressing the TIMER/SNOOZE button. Then, press the TIMER/SNOOZE button repeatedly, to see the current timer settings (ON time, OFF time, source, and volume).
To change the timer setting, repeat the setting procedure from the beginning.

- When the timer turns on, the Timer indicator starts blinking.

CAUTION: If the System is unplugged, or a power failure occurs, the timer setting will be lost. You will need to reset the clock first, then the timer.

5-Minute Snoozing

When the timer turns on the music source you can, if you wish, activate the 5-minute snoozing function to temporarily stop playback.

Press the TIMER/SNOOZE button on the Unit.
The "SNOOZE" indicator lights up on the display and the power is turned off for five minutes for snoozing.

Use the Sleep Timer to turn the System off after a certain number of minutes when it is playing. By setting the Sleep Timer, you can fall asleep to music and know that your System will turn off by itself rather than play all night.

■ You can only set the Sleep Timer when the System is on and a source is playing.

Play a CD, a cassette tape, or tune in to the desired station.

Press the SLEEP button on the Remote Control.

The "SLEEP" indicator lights up.

■ When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

Set the length of time you want the source to play before shutting off.

- Each time you press the SLEEP button, it changes the number of minutes shown on the display in this sequence:
  10 → 20 → 30 → 60 → 90 → 120 → Cancelled → (back to the beginning)

After setting the number of minutes for the Sleep Timer, the display will stop blinking and return to the display as before setting the Sleep Timer. (The display is dimmed.)
The System is now set to turn off after the number of minutes you set.

To Confirm the Sleep Time
When the SLEEP button is pressed, the remaining sleep time is displayed. Wait until the display returns to the original display.
To Cancel the SLEEP Timer Setting
Press the SLEEP button until the "SLEEP" indicator goes out on the display.
Turning off the System also cancels the SLEEP Timer.

■ If you are setting the Daily Timer, the System will be turned on at the set time to wake you up.

English English

Care And Maintenance

Handle your CDs carefully, and they will last a long time.

Compact Discs

- Only CDs bearing this mark can be used with this System. However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the System.

- Remove the CD from its case by holding it at the edges while pressing the case's center hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.

- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.

General Notes

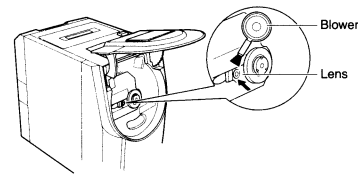
In general, you will have the best performance by keeping your CDs and the mechanism clean.

- Store CDs in their cases, and keep them in cabinets or on shelves.
- Keep the system's CD cover closed when not in use.

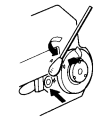
Cleaning the lens

If the lens in the CD pickup is dirty, dropout, etc., could degrade sound.
Open the CD cover and clean the lens as shown.

- Use a blower (available from a camera store) to blow dust off the lens.



- If there are fingerprints, etc. on the lens, gently wipe clean with a cotton swab.



Moisture Condensation

Moisture may condense on the lens inside the System in the following cases:

- After turning on heating in the room.
- In a damp room.
- If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

Cassette Tapes

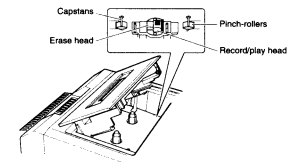
- If the tape is loose, it may get stretched, cut, or caught in the cassette. Take up the slack by inserting a pencil in one of the reels and rotating.

- Do not touch the tape surface.

- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

Cassette Deck

- If the heads, capstans, or pinch-rollers of the Cassette Deck become dirty, the following may occur:
  - Loss of sound quality
  - Discontinuous sound
  - Fading
  - Incomplete erasure
  - Difficulty recording
- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequency notes.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the System has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	• Connections are incorrect, or loose. • Headphones are connected.	• Check all connections and make corrections. (See pages 4- 5.) • Disconnect the headphones.
Unable to record.	Cassette record protect tabs are removed.	Cover the holes on the back edge of the cassette with tape.
Poor radio reception	• The antenna is disconnected. • The AM Loop Antenna is too close to the System. • The FM Wire Antenna is not properly extended and positioned.	• Reconnect the antenna securely. • Change the position and direction of the AM Loop Antenna. • Extend FM Wire Antenna to the best reception position.
The CD skips.	The CD is dirty or scratched.	Clean or replace the CD.
The CD does not play.	The CD is upside down.	Put the CD in with the label side up.
Unable to operate the Remote Control.	• The path between the Remote Control and the sensor on the Unit is blocked. • The batteries have lost their charge.	• Remove the obstruction. • Replace the batteries.
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the System then plug it back in.
The cassette holder cannot be opened.	During tape playing, the power cord was unplugged.	Plug in the power cord, press the ⏻/I button, and then press the ⏏ button.

English

Specifications

Amplifier

Output Power 34 W (17 W + 17 W) at 4 ohms (Max.)
24 W (12 W + 12 W) at 4 ohms (10% THD)

Input Sensitivity/Impedance (1 kHz)
LINE IN (AUX) 500 mV/65 kohms
Output Sensitivity/Impedance (1 kHz)
LINE OUT 500 mV/4.3 kohms
Optical out –21 dBm - –15 dBm
Speaker terminals 4 - 16 ohms
Phones 16 ohms - 1 kohms
0 - 15 mW/ch output into 32 ohms

Cassette Deck

Frequency Response
TypeII (CrO_2) 50 Hz - 15 kHz
Wow and Flutter 0.15 % (WRMS)

CD Player

Signal-To-Noise Ratio 90 dB
Wow And Flutter Unmeasurable

Tuner

FM Tuner
Tuning Range 87.5 - 108.0 MHz
AM Tuner
Tuning Range (MW) 522 - 1,629 kHz
(LW) 144 - 288 kHz

Speaker Specifications

(each unit)
Speakers 8 cm cone
Impedance 4 ohms
Dimensions 140 × 230 × 217 mm (W/H/D)
Mass Approx. 1.8 kg

General

Dimensions 438 × 232 × 310.5 mm (W/H/D)
Mass Approx. 7.2 kg

Accessories

Power Cord (1)
AM Loop Antenna (1)
Remote Control (1)
Batteries R6P (SUM-3)/AA (15F) (2)
FM Wire Antenna (1)

Power Specifications

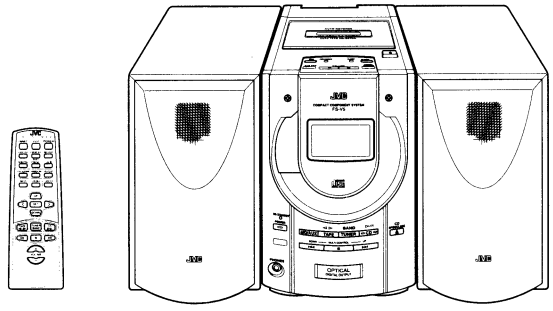
Power Requirements AC 230 V ~ , 50 Hz
Power Consumption 38 watts (power on mode)
3.5 watts (in Standby mode)

Design and specifications are subject to change without notice.

JVC

COMPACT COMPONENT SYSTEM
SISTEMAS DE COMPONENTES COMPACTOS
SYSTEME DE COMPOSANTS COMPACT

FS-V5



COMPACT disc DIGITAL AUDIO

INSTRUCTIONS
MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS

For Customer Use:
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.

Serial No.

LVT0214-001A
[J]

Warnings, Cautions and Others / Mises en garde, précautions et indications diverses

(For U.S.A)

CAUTION
RISK OF ELECTRIC SHOCK

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For Canada/pour le Canada

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.
PRECAUTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQUAU FOND.

For Canada/pour le Canada

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.

CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR: "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualitied service personnel.

1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** Radiation laser invisible quand l'appareil est ouvert ou que le verrouillage est en panne ou désactivé. Eviter une exposition directe au rayon.
3. **ATTENTION:** Ne pas ouvrir le couvercle du dessus. Iln'y a aucune pièce utilisable à l'intérier. Laisser à un personnel qualifié le soin de réparer votre appareil.

CAUTION

To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

ATTENTION

Afin d'éviter tout risque d'électrocution, d'Incendie. etc.:
1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

Caution — POWER switch!
Disconnect the mains plug to shut the power off completely. The POWER switch in any position does not disconnect the mains line. The power can be remote controlled.

Attention — Commutateur POWER!
Déconnecter la fiche de secteur poru couper complètement le courant. Le commutateur POWER ne coupe jamais complètement la ligne de secteur, quelle que soit sa position. Le courant peut être télécommandé.

English

Thank you for purchasing the JVC Compact Component System.
We hope it will be a valued addition to your home, giving you years of enjoyment.
Be sure to read this instruction manual carefully before operating your new stereo system.
In it you will find all the information you need to set up and use the system.
If you have a query that is not answered by the manual, please contact your dealer.

Here are some of the things that make your System both powerful and simple to use.
- The controls and operations have been redesigned to make them very easy to use, freeing you to just enjoy the music.
  - With JVC's **COMPU PLAY** you can turn on the System and automatically start the Radio, Cassette deck or CD Player with a single touch.
- The System incorporates Active Hyper Bass PRO circuitry to faithfully reproduce low frequency sounds.
- A 45-station preset capability (30 FM and 15 AM) in addition to auto-seek and manual tuning.
- Versatile CD options include repeat, random and program play.
- Timer functions; Daily Timer and Sleep Timer.
- Auto-reverse tape function.
- You can connect various external units, such as an MD recorder.

COMPU PLAY

- Basic information that is the same for many different functions - e.g. setting the volume - is given in the section 'Common Operations', and not repeated under each function.
- The names of buttons/controls and display messages are written in all capital letters: e.g. TUNER BAND, "NO DISC".
- System functions are written with an initial capital letter only: e.g. Normal Play.

Use the table of contents to look up specific information you require.
We've enjoyed making this manual for you, and hope it serves you in enjoying the many features built into your System.

Installation of the System
- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the System and a TV.
- Do not use the System in a place subject to vibrations.

Power cord
- Do not handle the power cord with wet hands!
- Some power is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.

Malfunctions, etc.
- There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the System.

Table of Contents

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How This Manual Is Organized 1
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Common Operations 6
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Using the CD Player 10
Using the Cassette Deck (Listening to a Tape) 12
Using the Cassette Deck (Recording) 13
Using External Equipments 15
Using the Timers 16
Care And Maintenance 18
Troubleshooting 19
Specifications 20

Getting Started

English

Accessories

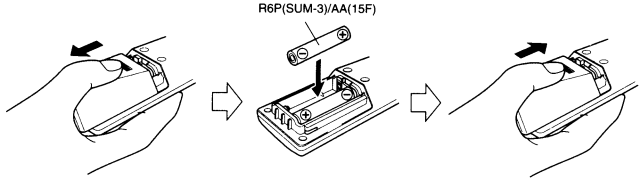
Make sure that you have all of the following items, which are supplied with the System.

Power Cord (1)
AM Loop Antenna (1)
Remote Control (1)
Batteries (2)
FM Wire Antenna (1)

If any of these items are missing, contact your dealer immediately.

How To Put Batteries In the Remote Control

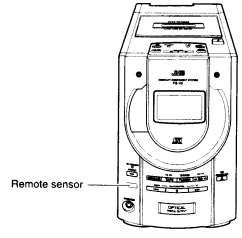
Match the polarity (+ and –) on the batteries with the + and – markings in the battery compartment.



CAUTION: Handle batteries properly.
To avoid battery leakage or explosion:
- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery with a new one.
- Don't use different types of batteries together.

Using the Remote Control

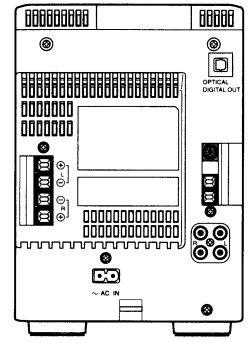
The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away.
You need to point the Remote Control at the remote sensor on the System's front panel.



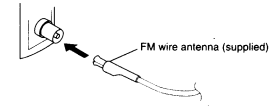
English

CAUTION: Make all connections before plugging the System into an AC power outlet.

Connecting the FM Antenna

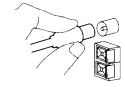


Using the Supplied Wire Antenna

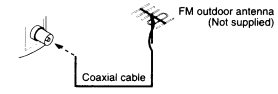


Using the Coaxial Type Connector (Not Supplied)

A 75-ohm antenna with coaxial type connector should be connected to the FM 75-ohm COAXIAL terminal.

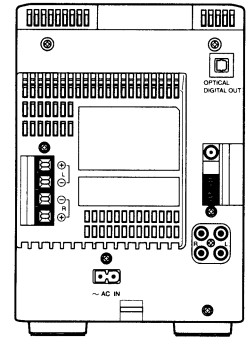


If reception is poor, connect the outdoor antenna.



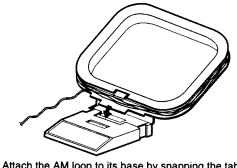
Note: Before attaching a 75 ohm coaxial lead (the kind with a round wire going to an outdoor antenna), disconnect the supplied FM Wire Antenna.

Connecting the AM Antenna

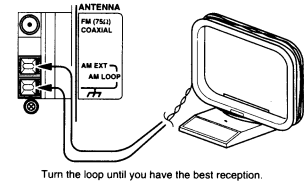


CAUTION: To avoid noise, keep antennas away from the System, the connecting cord and the AC power cord.

AM loop antenna (Supplied)



Attach the AM loop to its base by snapping the tabs on the loop into the slot in the base.

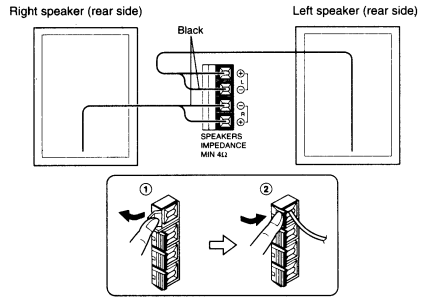


Turn the loop until you have the best reception.

CAUTION: Make all connections before plugging the System into an AC power outlet.

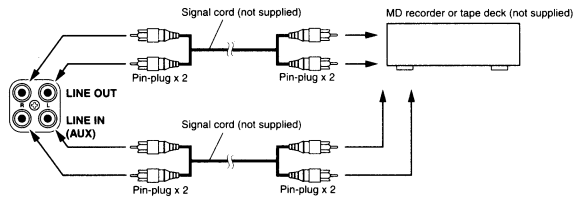
For each speaker, connect one end of the speaker wire to the speaker terminals on the back of the System.

1. Open each of the terminals and insert the speaker wires firmly, then close the terminals.
2. Connect the red (+) and black (–) wires of the right side speaker to the red (+) and black (–) terminals marked R on the System.
   Connect the red (+) and black (–) wires of the left side speaker to the red (+) and black (–) terminals marked L on the System.

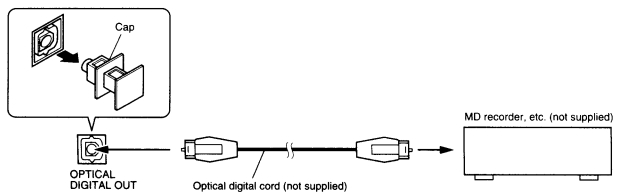


CAUTION: A TV may display irregular colors if located near the speakers. If this happens, set the speakers away from the TV.

Connect signal cords (not supplied) between the System's LINE IN (AUX)/LINE OUT terminals and the output/input terminals of the external MD recorder, tape deck, etc.
You can then listen to the external source through the System, or record the System's CD player, cassette tape, or tuner to the external unit.

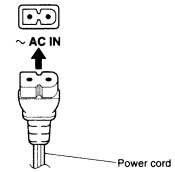


Unplug the cap and connect an optical digital cord (not supplied) between the System's OPTICAL DIGITAL OUT terminal and the input terminal of the MD recorder, etc.
You can record the digital output signal from the System's CD Player to the MD recorder, etc.



English

Firmly insert the supplied AC power cord into the AC inlet on the back of the Unit.



CAUTIONS:

- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

Now you can plug the AC power cord into the wall outlet, and your System is at your command!

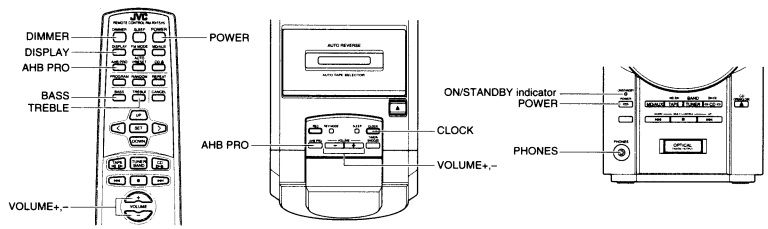
JVC's COMPU PLAY feature lets you control the most frequently used System functions with a single touch.
With One Touch Operation you can play a CD, a tape, turn on the radio, or listen to an external equipment with a single press of the play button for that function. One Touch Operation turns the power on for you, then starts the function you have specified. If the System is not ready (no CD in place), the System still powers on so you can insert a CD.
How One Touch Operation works in each case is explained in the section dealing with that function.
The COMPU PLAY buttons are:

On the Unit	On the Remote Control
CD ▷/II button	CD ▷II button
TUNER BAND button	TUNER BAND button
TAPE ◁ ▷ button	TAPE ◁ ▷ button
MD/AUX button	MD/AUX button

The System automatically turns on with the following operation.

- When you press the CD ▲ button, the System automatically turns on and the CD cover opens to allow CD insertion. However, this operation does not change the function to CD.
  When you press the POWER button to turn off the System, the CD cover will automatically closed if it is opened.

Common Operations



Turning the System On

Press the POWER button.
The display comes on and "HELLO" is displayed once. The ON/STANDBY indicator lights in green.
The System comes on ready to continue in the mode it was in when the power was last turned off.

- For example, if the last thing you were doing was listening to a CD, you are now ready to listen to a CD again. If you wish, you can change to another source.
- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

Turning the System Off

Press the POWER button again.
"GOOD BYE" is displayed and the display goes out, except for the clock display. The ON/STANDBY indicator lights in red.

- Some power is always consumed even though power is turned off (called Standby Mode).
- To switch off the System completely, unplug the AC power cord from the wall outlet. When you unplug the AC power cord, the clock will be reset to AM 12:00 after about 20 minutes.

You can adjust the brightness of the backlighting for the display.

When the System is Turned On

To make the brightness of the backlighting darker, press the DIMMER button on the Remote Control.
To make the brightness brighter, press the DIMMER button on the Remote Control again.

When the System is Turned Off (STANDBY MODE)

To turn on the backlighting, press the DIMMER button on the Remote Control. The brightness is the same as for darker one mentioned above.
To turn off the backlighting, press the DIMMER button on the Remote Control again.

Press the VOLUME + button to increase the volume or press the VOLUME – button to decrease it.

You can adjust the volume level between 0 and 50.

CAUTION: DO NOT turn on the System and/or start playing any source without first setting the VOLUME control to minimum, as a sudden blast of sound could damage your hearing, speakers and/or headphones.

For private listening

Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers.
Be sure to turn down the volume before connecting or putting on headphones.

English

You can reinforce the bass sound to maintain rich, full bass at low volume (you can use this effect only for playback):
To get the effect, press the AHB (Active Hyper Bass) PRO button.
The "BASS" indicator lights up on the display.
To cancel the effect, press the button again.
The "BASS" indicator goes out.

You can control the tone by changing the bass and treble.
The analog clock acts to display the bass and treble settings.
By pressing either the BASS or TREBLE button on the Remote Control, you can visually see the current tone control settings.

Examples:

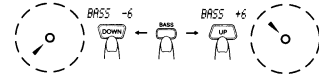
FLAT — Fully boosted

BASS Control

You can adjust the bass level (low frequency range level) between –6 and +6. (0: Flat)

Press the BASS button on the Remote Control.

Press the UP or DOWN button on the Remote Control to adjust the bass level.

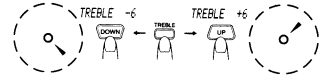


TREBLE Control

You can adjust the treble level (high frequency range level) between –6 and +6. (0: Flat)

Press the TREBLE button on the Remote Control.

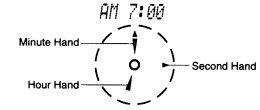
Press the UP or DOWN button on the Remote Control to adjust the treble level.



In Standby mode, the digital clock and analog clock appear on the display at the same time. Meanwhile, only the analog clock is displayed when a music source is selected. Namely, you can see the analog clock at all times.

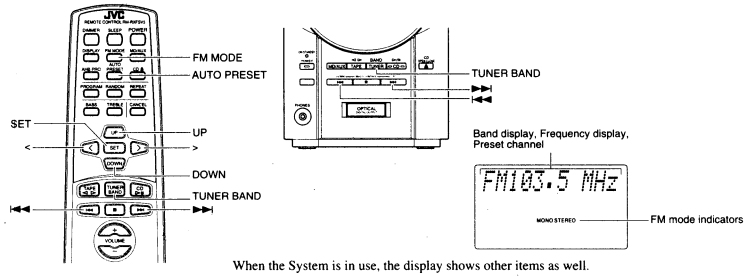
When the System is turned on, you can display the digital clock at any time.

To display the digital clock, press the CLOCK button on the Unit or DISPLAY button on the Remote Control.
To return to the previous mode, press the same button again.



Note: To let the clock work, you need to set the clock beforehand. (See "Setting the Clock" on page 16.)

Using the Tuner



When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

You can listen to FM and AM stations. Stations can be tuned in manually, automatically, or from preset memory storage.

■ Before listening to the radio:
- Make sure that both the FM and AM antennas are correctly connected. (See page 3).

One Touch Radio

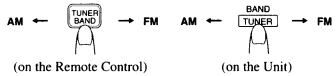
Just press the TUNER BAND button to turn on the System and start playing the station you were last tuned to.

■ You can switch from any other sound source to the radio by pressing the TUNER BAND button.

Tuning In a Station

1 Press the TUNER BAND button.

The Band and Frequency you were last tuned to appear on the display.
(If the last station was selected using the preset number, the preset number appears first.)
Each time you press the button, the band alternates between FM and AM.



(on the Remote Control) (on the Unit)

2 Select a station using one of the following methods.

■ **Manual Tuning**

Press the ⏮ or ⏭ button on the Unit or the Remote Control repeatedly to move from frequency to frequency until you find the station you want.

OR

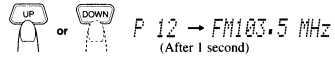
■ **Auto Tuning**

If you press and hold the ⏮ or ⏭ button on the Unit or the Remote Control for one second or more, the frequency changes down, or up, automatically until a station is found.

OR

■ **Preset Tuning using the Remote Control (Possible only after presetting stations)**

Select the desired preset number using the Up, Down, > and < button on the Remote Control. After 1 second the display will show the preset number's band and frequency.
Example: Press the UP button until the preset number 12 "P12" appears.

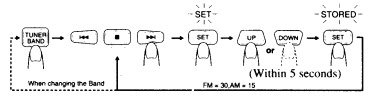


Presetting Stations

You can preset up to 30 FM stations and up to 15 AM stations using the Remote Control.

Note: Preset numbers may have been set to factory test frequencies prior to shipment. This is not a malfunction. You can preset the stations you want into memory by following one of the presetting methods below.

Manual Presetting



1 Select a band by pressing the TUNER BAND button.

2 Press the ⏮ or ⏭ button to tune in a station.

3 Press the SET button.

"SET" will blink for 5 seconds.
Within 5 seconds, proceed to the next step.
When the display returns to the one set in STEP 2 after 5 seconds, press the SET button again.

English

4 Press the UP, DOWN, >, or < button within 5 seconds to select the preset number.

UP or > button: Increases the preset number by 1.
DOWN or < button: Decreases the preset number by 1.
- When the > or < button is kept pressing, the preset number changes rapidly.

5 Press the SET button within 5 seconds.

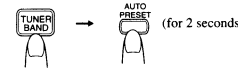
"STORED" appears and after 2 seconds, the display returns to the broadcast frequency display.

6 Repeat above steps 1 to 5 for each station you want to store in memory with a preset number.

To change the preset stations, repeat the same steps as above.

Auto Presetting

In each band, you can automatically preset FM-30, AM-15 stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up the frequency.



1 Select a band by pressing the TUNER BAND button.

2 Press the AUTO PRESET button on the Remote Control for more than two seconds.

3 Repeat steps 1-2 for the other band.

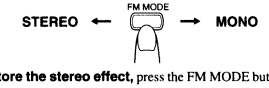
■ If you want to change the preset stations, carry out the Manual Presetting for the desired preset numbers.

CAUTION: Even if the system is unplugged or if the power failure occurs, the preset stations will be stored for about 24 hours. However, in case the preset stations are erased, you will need to preset the stations again.

Stereo Mode

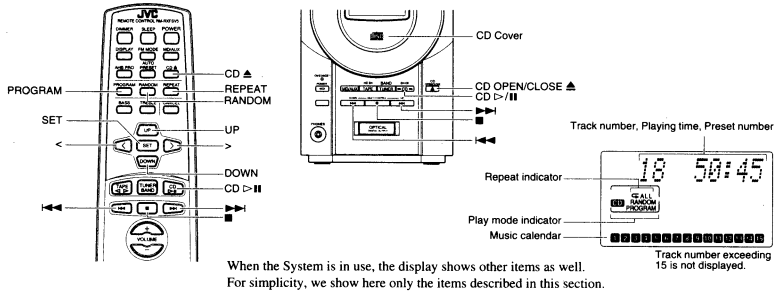
When you are tuned into an FM stereo broadcast, the "STEREO" indicator lights up and you can hear stereo effects.
If an FM stereo broadcast is hard to receive or noisy, you can select Monaural mode. Reception improves, but you lose stereo effect.

Press the FM MODE button on the Remote Control so that the "MONO" indicator lights up on the display.



To restore the stereo effect, press the FM MODE button on the Remote Control so that the "MONO" indicator goes off.

Using the CD Player



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

You can use Normal, Random, Program or Repeat Play. Repeat Play can repeat all the tracks or just one of the tracks on the CD. Here are the basic things you need to know to play a CD and locate the different tracks on it.

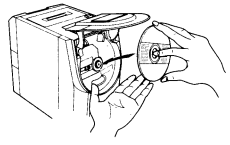
The Quickest Way To Start a CD Is With the One Touch Operation

- Press the CD ▷/II button on the Unit or the Remote Control.
- The power is automatically turned on. If a CD is already inserted, it will start playing from the first track.
- If no CD is inserted, "NO DISC" appears on the display and the CD Player remains in Stop mode.

Press the CD OPEN/CLOSE ≜ button on the Unit (or the CD ≜ button on the Remote Control.)

The CD cover opens.

Place a CD, with its label side out as shown below. Press down on the CD's center until you hear a click.



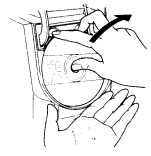
Press the CD OPEN/CLOSE ≜ button (or CD ≜ button) again to close the CD cover.

- To close the CD cover and play the CD, you can just press the CD ▷/II button.
- You can place an 8 cm (3") CD without an adaptor.
- If the CD cannot be read correctly (because it is scratched, for example), " 0 0:00" appears on the display.
- You can insert a CD while listening to the other source.

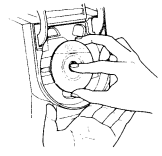
CAUTIONS:

- **DO NOT try to open or close the CD cover by hands as it will be damaged.**
- **When you place or take out a CD, do not let it fall. Also, be careful not to scratch your fingers with a CD cover.**

Take out the CD as shown below.



- To unload an 8 cm (3") CD, use the concavity to make removal easier.



To Play a CD

Insert a CD.

Press the CD ▷/II button.

The first track of the CD begins playing.

1 0:05

Track number Playback time

- The track number that has already played disappears from the music calendar.
- The CD Player automatically stops when the last track of the CD has finished playing.

To stop playing the CD, press the ■ button.
The following information for tl.. CD is displayed.

18 50:45

Total track number Total playback time

To stop playing and remove the CD, press the CD OPEN/CLOSE ≜ button on the Unit or CD ≜ button on the Remote Control to open the CD cover.

To pause, press the CD ▷/II button. The playback time blinks on the display.

To cancel pause, press the same button again. Play continues from the point where it was paused.

To Select a Track or Passage within a Track

During playback, press the ⏮ or ⏭ (< or >) button to select the track you want.
The selected track starts playing.

- Press the ⏭ or > button once to skip to the beginning of the next track.
- Press the ⏮ or <button to skip to the beginning of the track being played. Press twice quickly to skip to the beginning of the previous track.
- When the > or < button on the Remote Control is kept pressing, the track continuously skips.

Search Play

Holding down the ⏮ or ⏭ button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the track you are listening to.

You can program the playing order of the tracks **using the Remote Control**.

- You can program up to 20 tracks in any desired order including the same tracks.
- You can only make a program when the CD Player is stopped.

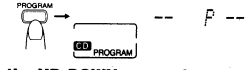
Insert a CD.

Press the CD ▷/II button.

Press the ■ button to stop the CD.

Press the PROGRAM button.

The System enters the programming mode and the "CD PROGRAM" indicator lights up.

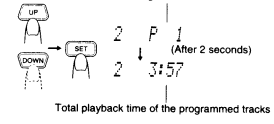


Press the UP, DOWN, >, or < button to select the track to program.

UP or > button: Increases the track number by 1.
DOWN or < button: Decreases the track number by 1.

- When the > or < button is kept pressing, the track number changes rapidly.

Press the SET button.



Repeat steps 5 and 6 to select the other tracks for the program.

You can see the total playback time of programmed tracks on the display. Also, you can see the programmed tracks on the music calendar.

Press the CD ▷/II button.

The System plays the tracks in the order you have programmed them.

- You can skip to a particular program track by pressing the ⏮ or ⏭ button during Program Play.
- To stop playing, press the ■ button once.

To confirm the programmed tracks while the CD player is stopped, each time press the ⏮ or ⏭ button; the tracks making up the program will successively be displayed in the programmed order.

To delete all the tracks in the program, in stop mode, press the ■ button. Pressing the CD ≜ button to open the CD cover will also clear the programmed tracks.

To exit the program mode once, while the CD Player is stopped, press the PROGRAM button to light off the "CD PROGRAM" indicator.

Notes:

- If the total playback time of the programmed tracks exceeds 99 minutes 59 seconds, the total playback time will go out on the display.
- If you try to program the 21th track, "MEMORY FULL" appears on the display for about 2 seconds.

To Modify the Program

Modify the contents of the program while the CD Player is stopped. Each time you press the CANCEL button, the last track in the program is deleted. To add new tracks to the end of the program, repeat above steps 5 to 7.

The tracks will play in no special order when you use this mode.

Press the RANDOM button on the Remote Control.

The "CD RANDOM" indicator lights up on the display.

Press the CD ▷/II button.

The tracks are played in random order.

To skip a track during playback, press the ⏭ button to jump to the next track in the random sequence. Press the ⏮ button to jump back to the start of a track being played.

To exit Random Play mode, while the CD Player is stopped, press the RANDOM button to light off the "CD RANDOM" indicator and carry out Normal Play, or press the CD ≜ button to open the CD cover.

You can set the program or individual track playing to repeat as many times as you like.

Press the REPEAT button on the Remote Control.

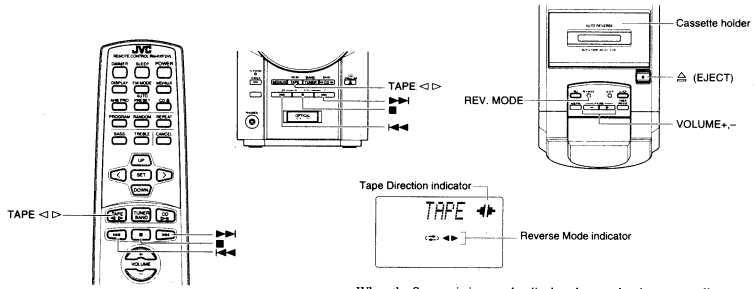
The Repeat indicator changes with each press of the button, as shown below.

⊂ → ⊂ **ALL** → **blank display** → (back to the beginning)
⊂ : Repeats one track.
⊂ **ALL** : In Normal Play mode, repeats all the tracks.
In Program Play mode, repeats all the tracks in the program.
In Random Play mode, repeats all the tracks in random order.

To exit Repeat mode, press the REPEAT button until the Repeat indicator on the display goes out.

- In Random Play, as a matter of course, ⊂ cannot be selected.
- Repeat mode remains in effect even when you change the play mode.

Using the Cassette Deck (Listening to a Tape)



When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

The Cassette Deck allows you to play and record audio tapes.

- With Automatic Tape Detection, you can listen to type I, II or IV tapes without having to change any settings.

> The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.

One Touch Play

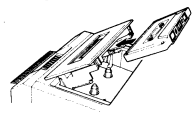
By pressing the TAPE ◁ ▷ button on the Unit or the Remote Control, the Unit will come on, "TAPE" appears in the display, and if a tape is in the deck, it will start to play. If no tape is loaded, "NO TAPE" appears on the display, the Unit will come on and wait for you to insert a tape, or select another function.

When the power is already on, you can use this basic procedure:

Press the ≜ (EJECT) button.

When the cassette holder opens, put the cassette in, with the side you want to listen facing up.

- If the cassette holder does not open, turn the Unit off, then back on and press the ≜ (EJECT) button again.



Close the holder gently until it clicks.

Press the TAPE ◁ ▷ button.

The tape is played in the direction shown by the Tape Direction indicator.

If you need to change the playback direction, press the TAPE ◁ ▷ again.

The opposite side Tape Direction indicator lights up and the tape playback direction changes.

To stop playing, press the ■ button.

To remove the tape, stop the tape, and press the ≜ (EJECT) button.

To Fast-Wind A Tape

- Press the ▶▶| or |◀◀ button on the Unit or the Remote Control to fast-wind the tape. ▶▶ or ◀◀ indicator of the tape fast-wind direction appears on the display.
  - The Cassette Deck automatically stops when the tape reaches its end.

You can set a tape to play just one side, both sides in succession, or both sides continuously.

Press the REV. MODE button on the Unit.

The indicator changes with each press of the button as shown.

⇄ → ⇉ → ⟲ → (back to the beginning)

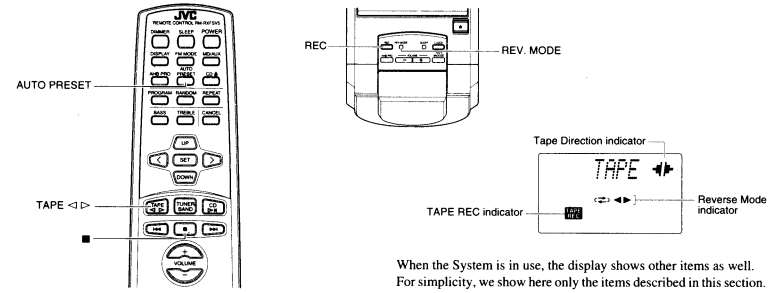
⇄ : The Cassette Deck automatically stops after playing one side of the tape.

⇉ : The Cassette Deck automatically stops after playing both sides of the tape. (Stops when playback in the ◀ direction is finished.)

⟲ : The Cassette Deck continues to play both sides of the tape until the ■ button is pressed.

English

Using the Cassette Deck (Recording)

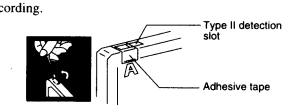


When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

Recording onto a tape from any of the sound sources is simple. Just place a tape in the Cassette Deck, have the source ready, make one or two settings, and you're ready to record. For each source the procedure is a little bit different so we explain each separately. But first, here are a few things to make your recordings better.

Things To Know Before You Start Recording

- **It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable programme and in any literary, dramatic, musical, or artistic work embodied therein.**
- When you want to record onto both sides of a tape, you can set Reverse mode to do so. Recording automatically stops after recording in the ◀ direction. Therefore, make sure that the tape direction is ▶ when recording with Reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Nor is it affected by adjusting the sound effects. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or recording.



- To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a type II tape is used, only cover part of the hole as shown, since the other part of the hole (Type II detection slot) is used to detect the tape type.
- Type I and Type II tapes can be used for recording.

Note: At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Thus, when recording CDs or radio broadcasts, wind on the leader tape first to ensure getting the beginning of the recording.

CAUTION: If a recording you make has excessive noise or static, the Unit may have been too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

You can record any sound source to tape as follows:

Insert a blank or erasable tape into the Cassette Deck and wind past the tape leader.

Press the REV. MODE button on the Unit if you want to record on both sides of the tape.

Press the button until the ⇉ indicator is lit.

- When using Reverse mode, insert the tape so that it will be recorded in the forwards ▶ direction.

Check the recording direction for the tape.

Make sure that the Tape Direction indicator is the same as that for the tape in the Cassette Deck. If the directions are different, press the TAPE ◁ ▷ button to correct the tape direction and then press the ■ button to stop the tape.

Prepare the source, by, for example, tuning in a radio station or turning on connected auxiliary equipment.

Note: For CD recording, refer to "CD Direct Recording" mentioned below.

Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If the tab of the cassette tape is removed to prevent erasure or recording, "NO REC" will appear on the display.

Notes for using Reverse mode for recording

When recording in Reverse mode, the System automatically stops when it reaches the end of the reverse ◄ direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted is forwards ►, and that the Tape Direction indicator is also forwards ►, before you start recording.

To Stop at Any Time During the Recording Process

Press the ■ button.

Recording an AM station to tape

When recording an AM broadcast, beats may be produced which are not heard when listening to the broadcast. If this happens, press the AUTO PRESET button on the Remote Control to eliminate the beats.

1. Set to AM station and start recording.
2. Press the AUTO PRESET button to eliminate the beats.
   Each time you press the button, the display changes as shown below:
   CUT-1→ CUT-2 → CUT-3 → (back to the beginning)

CD Direct Recording

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

1. Insert a cassette into the Cassette Deck and wind past the tape leader.

2. Insert a CD.

3. Press the CD ▷/II button on the Unit or on the Remote Control.

4. Press the ■ button.

- If you want to record specific tracks only, program the tracks beforehand. You can check their total playback time on the display during programming. (See page 11.)

5. If you want to record on both sides of a tape, press the REV. MODE button on the Unit until the "⊃" indicator is lit. Make sure that the recording direction for the tape and the Tape Direction indicator is correct. (See "Notes for using Reverse mode for recording".)

6. Choose whether to have pauses between recorded selections.

- If nothing is done, a non-recorded pause of about four seconds will be automatically left between selections.
- If you do not want pauses between selections, do the following before proceeding to the next step.

Press the CD ▷/II button on the Unit or the Remote Control twice.
The CD player enters Pause mode.

7. Press the REC button on the Unit.
The "TAPE REC" indicator lights up and the System begins recording.

- If you make a recording with Reverse mode on, the Unit will record the last song at the end of the first side onto the next side from its beginning when the song has been recorded more than 12 seconds on the first side.
  If the last song has been recorded less than 12 seconds, then the previous song will again be recorded on the next side as it will not be completely recorded on the first side because of leader tape.
- After the CD player has played the entire CD, or all the programmed tracks, the tape automatically stops.

To stop at any time during the recording process, press the ■ button. The tape stops after four seconds.

Note: When making SLEEP timer settings while doing CD Direct recording, set enough time to allow for the CD to finish playing, otherwise the power will go off before recording is completed.

One Track Recording

1. Insert a cassette into the Cassette Deck and wind past the tape leader.

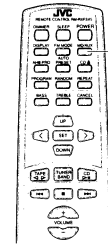
2. Play the track on the CD you wish to record.

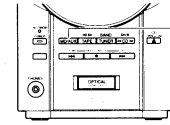
3. Press the REC button on the Unit.
The CD player returns to the beginning of that track and the track is recorded on the tape. After recording, the CD player and Cassette Deck automatically stop.

English

English

Using External Equipments





Listening to External Equipment

You can listen to external equipment such as MD recorder, turntable or other auxiliary.

■ First make sure that the external equipment is properly connected to the System. (See page 4).

1. Set the VOLUME control to the minimum position.

2. Press the MD/AUX button.
"AUX" appears on the display.

AUX

3. Start playing the external equipment.

4. Adjust the VOLUME control to the desired listening level.

5. Apply sound effects, if you wish.

■ Press the AHB PRO button to reinforce the bass sound.
■ Press the BASS/TREBLE button on the Remote Control to control the tone. (See "Tone Control" on page 7.)

To exit MD/AUX mode, you will automatically switch out of MD/AUX mode when you select another source.

Note: For operation of the external equipment, refer to its Instructions.

Recording the System's Source to External Equipment

You can record the System's source to external equipment which is connected to the LINE OUT or OPTICAL DIGITAL OUT terminals of the System, such as cassette deck or MD recorder, etc.

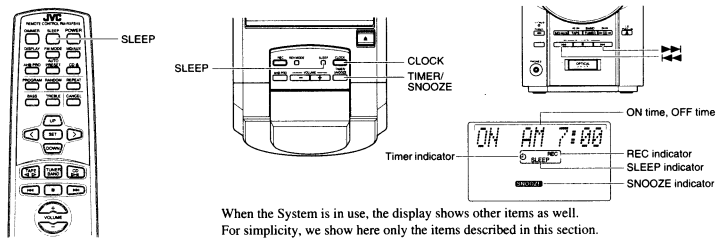
■ First make sure that the external equipment is properly connected to the System. (See page 4).

1. Play the System's CD Player, Cassette Deck, or tune into a station.

■ The recording level is not affected by the VOLUME level set by the System. Also it is not affected by the sound effects.

Note: For operation of the external equipment, refer to its Instructions.

Using the Timers



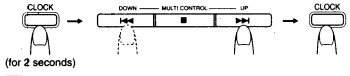
When the System is in use, the display shows other items as well.
For simplicity, we show here only the items described in this section.

The timers let you control listening and recording functions automatically.

- When you plug the AC power cord into the wall outlet, the time indication blinks on the display.

You can set the clock whether the System is on or off.
In addition to the digital clock, the analog clock also shows the time.

Notes:
- The clock must be correctly set for the timers to work.
- The procedure must be completed within two minutes. Otherwise, the setting is cleared and must be repeated from the beginning.



Press the CLOCK button on the Unit for more than two seconds.
The time indication rapidly blinks on the display.

Press the ►►I or I◄◄ button on the Unit to set the time.
Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

Press the CLOCK button.
The selected time is set and the seconds start counting from 0.

CAUTION: If there is a power failure, the clock loses its setting after about 20 minutes. "AM 12:00" blinks on the display and the clock must be reset.

Note: The clock may gain or lose one to two minutes per month.

Once you have set the Daily Timer, the timer will be activated at the same time every day. It can be cancelled and re-activate whenever you wish.
The Timer indicator on the display shows when the Daily Timer you have set is in effect.
Note: Perform each setting within 30 seconds. Otherwise, setting is cleared and the procedure must be repeated from the beginning.

Press the POWER button to turn on the System.

Setting the ON time (Example: PM 12:15).
1. Press the TIMER/SNOOZE button on the Unit.
   The Timer indicator lights up and the current ON time blinks on the display.
- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

ON -AM 7:00-

2. Press the ►►I or I◄◄ button on the Unit to set the time you want the Unit to come on.
   Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

ON -PM12:15-

Setting the OFF time (Example: PM 1:15).
1. Press the TIMER/SNOOZE button on the Unit.
   The current OFF time blinks on the display.

OFF-AM 7:00-

2. Press the ►►I or I◄◄ button on the Unit to set the time you want the Unit to be turned off.
   Pressing the ►►I button moves the time forwards and pressing the I◄◄ button moves it backwards. Hold down the button to move the time rapidly.

OFF-PM 1:15-

Selecting the music source.
1. Press the TIMER/SNOOZE button on the Unit.
   The "TUNER" blinks on the display.
2. Press the ►►I or I◄◄ button to select the music source you want to listen to.
   The display changes as shown below.
   TUNER↔TUNER REC↔CD↔TAPE↔(back to the beginning)
- When you select the "TUNER REC", the "REC" indicator appears on the display.

English

Setting the volume level.
1. Press the TIMER/SNOOZE button on the Unit.
   The current volume setting blinks on the display.
2. Press the ►►I or I◄◄ button to select the volume level.
   -- : The current volume level will be used.
   0 to 50: When the timer is turned on, the Volume will be automatically set to the selected level.

VOLUME -15-

Press the TIMER/SNOOZE button on the Unit.
The timer setting is completed and the display returns to the display before you set the timer. The timer indicator remains lit.

Before turning off the System, prepare the music source selected in step 4.
TUNER: Tune in to the desired station.
TUNER REC: Tune in to the desired station and insert a cassette tape for recording the station.
CD: Insert a CD.
TAPE: Insert a tape.

Press the POWER button to turn off the System.

To cancel the timer, press the TIMER/SNOOZE button. The Timer indicator goes out on the display.
To re-activate the cancelled timer, press the TIMER/SNOOZE button to light the Timer indicator. Then, press the TIMER/SNOOZE button until the display returns to the original display. The Timer indicator should remain lit.
To confirm the timer settings, cancel the timer once by pressing the TIMER/SNOOZE button. Then, press the TIMER/SNOOZE button repeatedly, to see the current timer settings (ON time, OFF time, source, and volume).
To change the timer setting, repeat the setting procedure from the beginning.
- When the timer turns on, the Timer indicator starts blinking.

CAUTION: If the System is unplugged, or a power failure occurs, the timer setting will be lost. You will need to reset the clock first, then the timer.

5-Minute Snoozing

When the timer turns on the music source you can, if you wish, activate the 5-minute snoozing function to temporarily stop playback.

Press the TIMER/SNOOZE button on the Unit.
The "SNOOZE" indicator lights up on the display and the power is turned off for five minutes for snoozing.

Use the Sleep Timer to turn the System off after a certain number of minutes when it is playing. By setting the Sleep Timer, you can fall asleep to music and know that your System will turn off by itself rather than play all night.
■ You can only set the Sleep Timer when the System is on and a source is playing.

Play a CD, a cassette tape, or tune in to the desired station.

Press the SLEEP button.
The "SLEEP" indicator lights up.
■ When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

Set the length of time you want the source to play before shutting off.
- Each time you press the SLEEP button, it changes the number of minutes shown on the display in this sequence:
  10 → 20 → 30 → 60 → 90 → 120 → Cancelled → (back to the beginning)

After setting the number of minutes for the Sleep Timer, the display will stop blinking and return to the display as before setting the Sleep Timer. (The display is dimmed.)
The System is now set to turn off after the number of minutes you set.

To Confirm the Sleep Time
When the SLEEP button is pressed, the remaining sleep time is displayed. Wait until the display returns to the original display.
To Cancel the SLEEP Timer Setting
Press the SLEEP button until the "SLEEP" indicator goes out on the display.
Turning off the System also cancels the SLEEP Timer.
■ If you are setting the Daily Timer, the System will be turned on at the set time to wake you up.

Care And Maintenance

Handle your CDs carefully, and they will last a long time.

Compact Discs

- Only CDs bearing this mark can be used with this System. However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the System.

- Remove the CD from its case by holding it at the edges while pressing the case's center hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.

- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.

General Notes

In general, you will have the best performance by keeping your CDs and the mechanism clean.

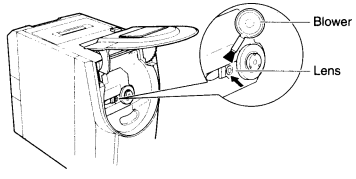
- Store CDs in their cases, and keep them in cabinets or on shelves.
- Keep the system's CD cover closed when not in use.

Cleaning the lens

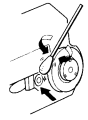
If the lens in the CD pickup is dirty, dropout, etc., could degrade sound.

Open the CD cover and clean the lens as shown.

- Use a blower (available from a camera store) to blow dust off the lens.



- If there are fingerprints, etc. on the lens, gently wipe clean with a cotton swab.



Moisture Condensation

Moisture may condense on the lens inside the System in the following cases:

- After turning on heating in the room.
- In a damp room.
- If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

Cassette Tapes

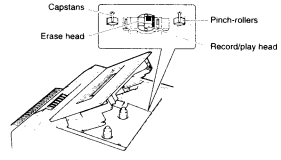
- If the tape is loose, it may get stretched, cut, or caught in the cassette. Take up the slack by inserting a pencil in one of the reels and rotating.

- Do not touch the tape surface.

- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

Cassette Deck

- If the heads, capstans, or pinch-rollers of the Cassette Deck become dirty, the following may occur:
  - Loss of sound quality
  - Discontinuous sound
  - Fading
  - Incomplete erasure
  - Difficulty recording
- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequency notes.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

English

English

Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the System has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	• Connections are incorrect, or loose. • Headphones are connected.	• Check all connections and make corrections. (See pages 4- 5.) • Disconnect the headphones.
Unable to record.	Cassette record protect tabs are removed.	Cover the holes on the back edge of the cassette with tape.
Poor radio reception	• The antenna is disconnected. • The AM Loop Antenna is too close to the System. • The FM Wire Antenna is not properly extended and positioned.	• Reconnect the antenna securely. • Change the position and direction of the AM Loop Antenna. • Extend FM Wire Antenna to the best reception position.
The CD skips.	The CD is dirty or scratched.	Clean or replace the CD.
The CD does not play.	The CD is upside down.	Put the CD in with the label side up.
Unable to operate the Remote Control.	• The path between the Remote Control and the sensor on the Unit is blocked. • The batteries have lost their charge.	• Remove the obstruction. • Replace the batteries.
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the System then plug it back in.
The cassette holder cannot be opened.	During tape playing, the power cord was unplugged.	Plug in the power cord, press the POWER button, and then press the ⏏ button.

English

Specifications

Amplifier

Output Power: 16 watts per channel, min. RMS, at 4 ohms from 80 Hz to 15 kHz, with no more than 10% total harmonic distortion (for U.S.A.)
34 W (17 W + 17 W) at 4 ohms (Max.) (for Canada)

Input Sensitivity/Impedance (1 kHz)
LINE IN (AUX): 500 mV/65 kohms
Output Sensitivity/Impedance (1 kHz)
LINE OUT: 500 mV/4.3 kohms
Optical out: –21 dBm - –15 dBm
Speaker terminals: 4 - 16 ohms
Phones: 16 ohms - 1 kohm
0 - 15 mW/ch output into 32 ohms

Cassette Deck

Frequency Response
TypeII (CrO_2): 50 Hz - 15 kHz
Wow and Flutter: 0.15 % (WRMS)

CD Player

Signal-To-Noise Ratio: 90 dB
Wow And Flutter: Unmeasurable

Tuner

FM Tuner
Tuning Range: 87.5 - 108.0 MHz
AM Tuner
Tuning Range: 530 - 1,710 kHz

Speaker Specifications

(each unit)
Speakers: 8 cm cone
Impedance: 4 ohms
Dimensions: 140 × 230 × 217 mm (W/H/D)
(5 - 9/16" × 9 - 1/16" × 8 - 9/16")
Mass: Approx. 1.8 kg (4.0 lbs)

General

Dimensions: 438 × 232 × 310.5 mm (W/H/D)
(17 - 1/4" × 9 - 3/16" × 12 - 1/4")
Mass: Approx. 7.2 kg (15.9 lbs)

Accessories

Power Cord (1)
AM Loop Antenna (1)
Remote Control (1)
Batteries R6P (SUM-3)/AA (15F) (2)
FM Wire Antenna (1)

Power Specifications

Power Requirements: AC 120 V ~ , 60 Hz
Power Consumption: 37 watts (power on mode)
3 watts (in Standby mode)

Design and specifications are subject to change without notice.

JVC
VICTOR COMPANY OF JAPAN, LIMITED

<<MEMO>>

Disassembly Method

<Main body>

■ Rear cover (Refer to Fig. 1 and 2.)

1. Remove the six screws A and one screw B fastening the rear cover from the back of the main frame.

2. Remove the two screws C fastening the rear cover from the bottom of the main frame.

3. Unlock both the speaker terminal and antenna terminal. As the lock pawls are held raised, remove the rear cover from the main frame rearwards.

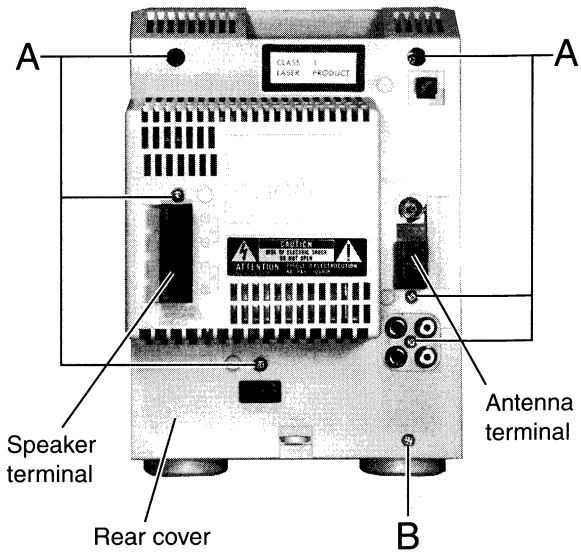


Fig. 1

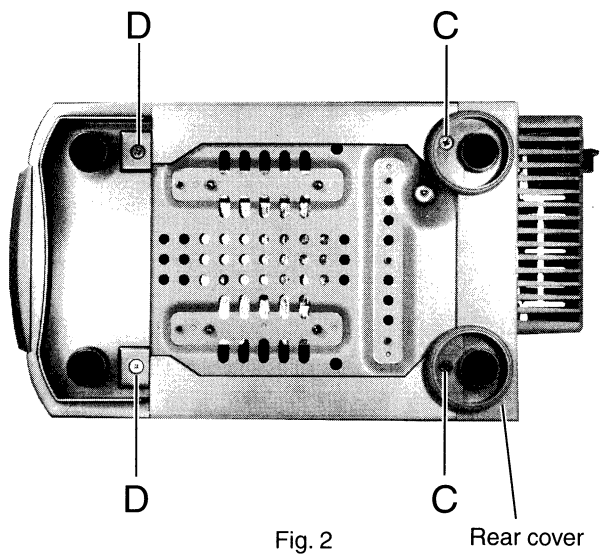


Fig. 2

■ Side panels (right, left)

(Refer to Fig. 2)

1. Remove the two screws D fastening the side panels (right and left) from the bottom of the main frame.

2. Slide the respective side panels (right and left) rearwards to remove them as indicated by the arrows in Fig. 3 and 4.

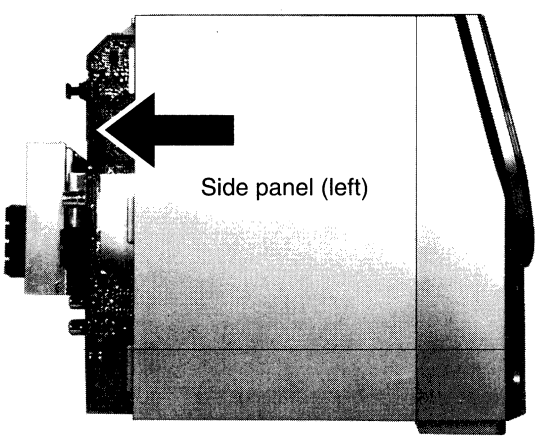


Fig. 3

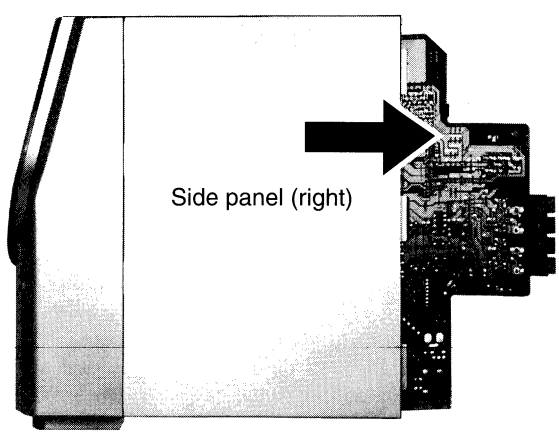


Fig. 4

■Cassette mechanism assembly

(Refer to Fig. 5 to 7.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.

1. Disconnect the card wire and 2-pin harness respectively from the connectors CN43, CN44 and CN508 of the TUNER & FUNCTION board located in the left side of the main frame.
2. Remove the two screws E fastening the cassette mechanism assembly from the right and left sides of the main frame.
3. Remove the two screws F fastening the REGULATOR board and the cassette mechanism assembly from the back of the main frame.
4. Disjoin the two joints a on the right and left sides of the main frame so that the cassette mechanism assembly is released from fitting with the main frame. Then, move the cassette mechanism assembly upper rearwards to remove it.

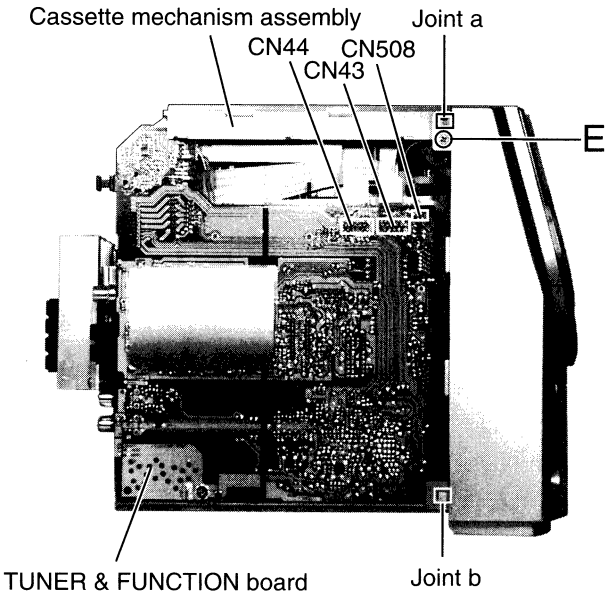


Fig. 5

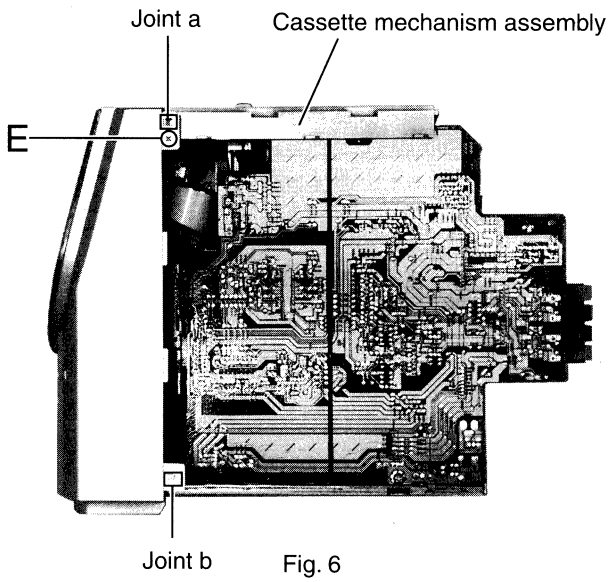


Fig. 6

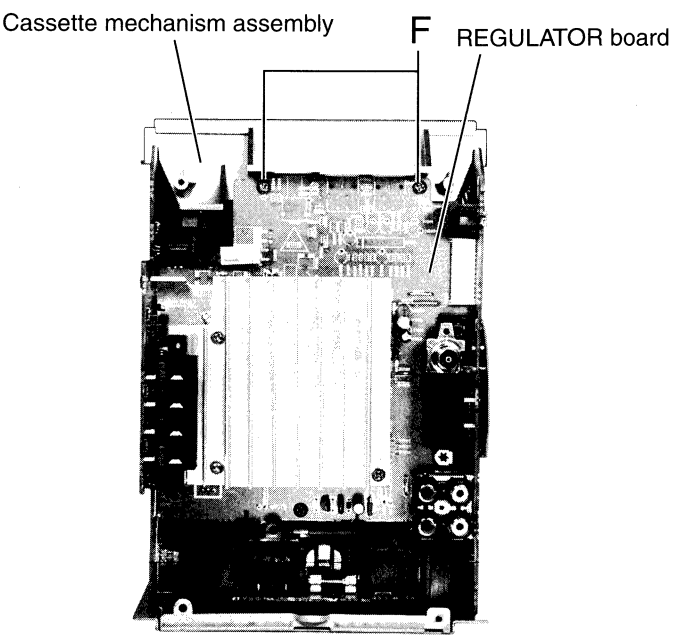


Fig. 7

■TUNER & FUNCTION board, REGULATOR board, MAIN board

(Refer to Fig. 8 to 12.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

Note: The TUNER & FUNCTION board, REGULATOR board and MAIN board can be removed as the front panel assembly remains being fitted to the main frame.

● TUNER & FUNCTION board

1. Disconnect the 4-pin harness card wire, 3-pin harness respectively from the connectors CN501, CN502 and CN504 of the TUNER & FUNCTION board located in the left side of the main frame.
2. Remove the one screw G fastening the TUNER & FUNCTION board, and disconnect the connector CN503 from connection with the REGULATOR board as well as the connector CN506 and CN507 from connection with the front panel assembly. Then, remove the TUNER & FUNCTION board by drawing it out upwards from the chassis base.

● MAIN board

3. Disconnect the 5-pin harness and 2-pin harness respectively from the connectors CN304 and CN308 of the MAIN board located in the right side of the main frame.
4. Disconnect the 4-pin harness from the connector CN501 of the TUNER & FUNCTION board located in the left side of the main frame.
5. Remove the one screw H fastening the MAIN board and one screw I fastening the REGULATOR board and heat sink in the rear of the main frame.
6. Disconnect the connector CN301 from connection with the REGULATOR board and the connectors CN371 and CN372 from connection with the front panel assembly. Then, draw out the MAIN board upwards from the chassis base.

●REGULATOR board

7. Disconnect the connector CN197 of the REGULATOR board located in the rear of the main frame, and remove one screw I fastening the REGULATOR board together with the heat sink and one screw J fastening the REGULATOR board independently.
8. Disconnect the connector CN196 (CN503) from connection with the TUNER & FUNCTION board and the connector CN195 (CN301) from connection with the MAIN board while spreading the respective boards outside. Then, remove the REGULATOR board upwards from the main frame.

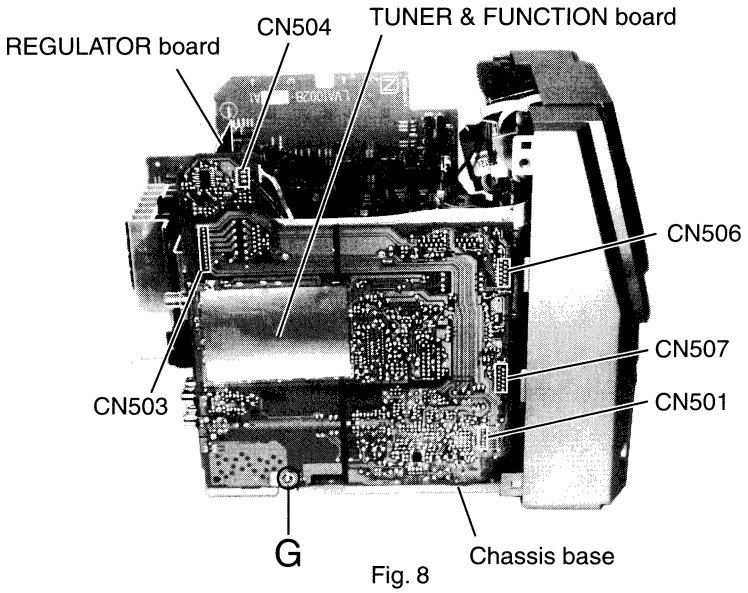


Fig. 8

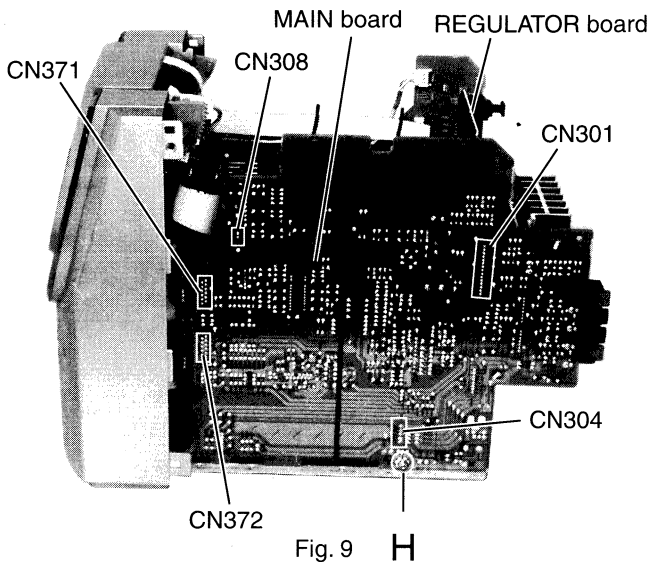


Fig. 9

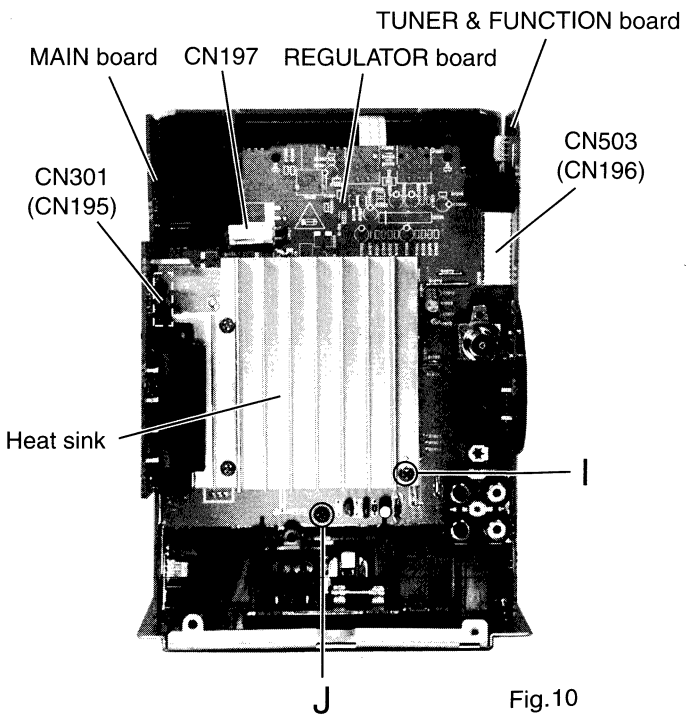


Fig.10

■Front panel assembly

(Refer to Fig. 11 and 12.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

1. Disconnect the card wire and 3-pin harness respectively from the connectors CN502 and CN504 of the TUNER and FUNCTION board located in the left side of the main frame.
2. Disconnect the 5-pin harness from the connectors CN304 and CN308 of the MAIN board located in the right side of the main frame, and unclamp the wire clamp at the midpoint of the 5-pin harness so that the harness is released from it.
3. Disjoin the two joints b on the right and left sides of the main frame so that the front panel assembly is released from fitting with the main frame. (Refer to Fig. 5 and 6.)
   Disconnect the front panel assembly from the connectors CN506 and CN507 of the TUNER & FUNCTION board and connectors CN371 and CN372 of the MAIN board, and then draw out the front panel assembly frontwards to remove it from the main frame.

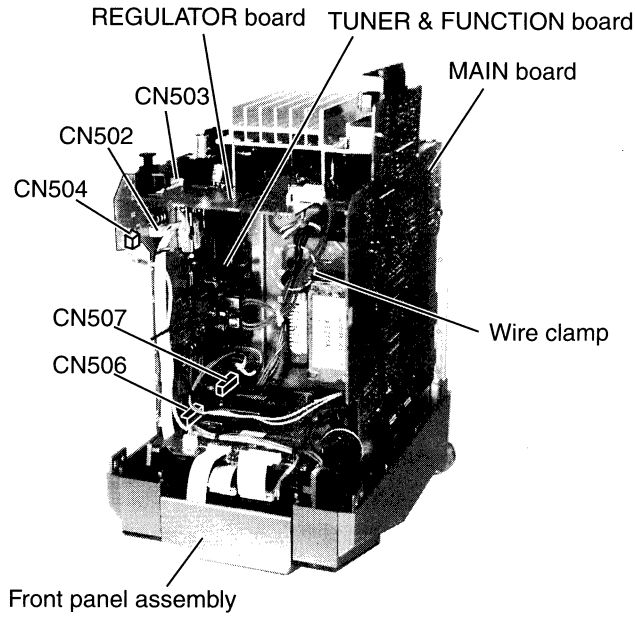


Fig.11

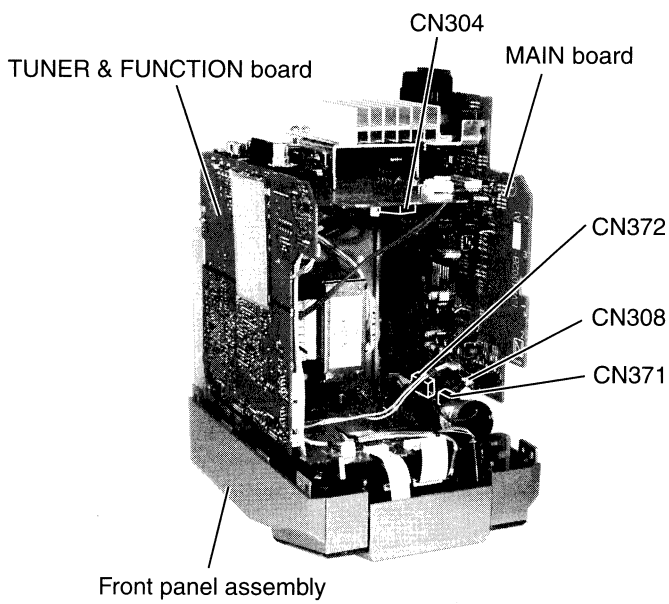


Fig.12

■Power transformer assembly
(Refer to Fig. 13.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

1. Disconnect the 2-pin harness from the connector CN197 of the REGULATOR board located in the rear of the main frame and the 2-pin harness from the connector CN199 of the POWER TERMINAL board.
2. Remove the four screws K fastening the power transformer assembly to remove it.

■POWER TERMINAL board
(Refer to Fig. 13.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.
- Remove the REGULATOR board from the main frame.

1. Disconnect the 2-pin harness from the connector CN199 of the POWER TERMINAL board and remove one screw fastening the POWER TERMINAL board to remove the board.

<Cassette mechanism assembly>

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

■FUNCTION board (Refer to Fig. 14.)

1. Remove the four screws M fastening the FUNCTION KEY board to remove the board.

■Cassette mechanism assembly
(Refer to Fig. 14 and 15.)

1. First remove the four screws N fastening the cassette mechanism assembly. Next press the EJECT button on the front panel to open the cassette door, and then remove the cassette mechanism assembly.

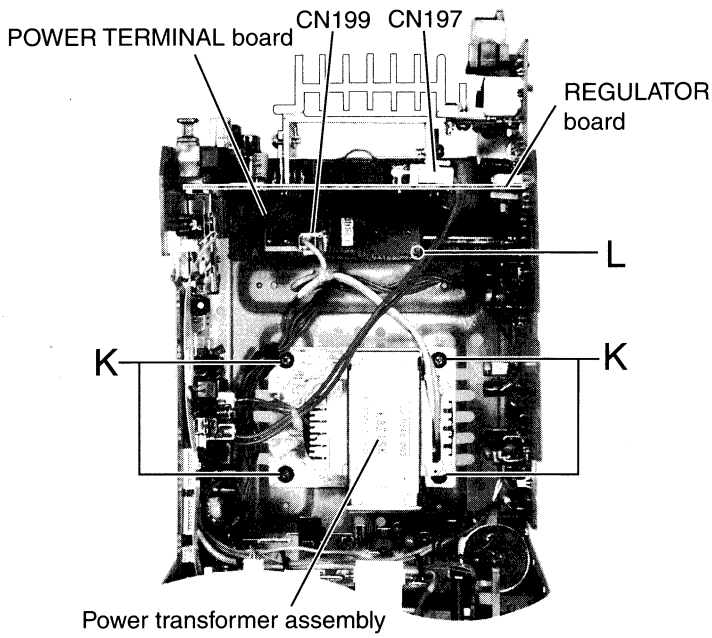


Fig.13

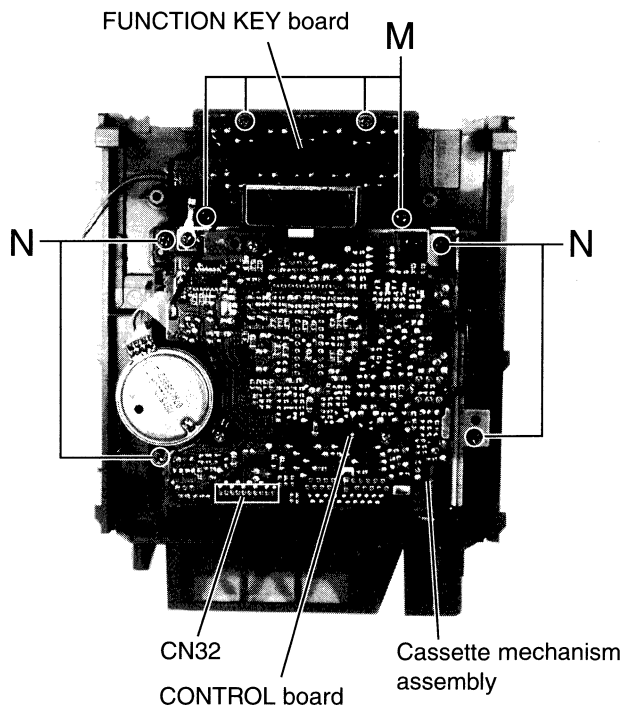


Fig.14

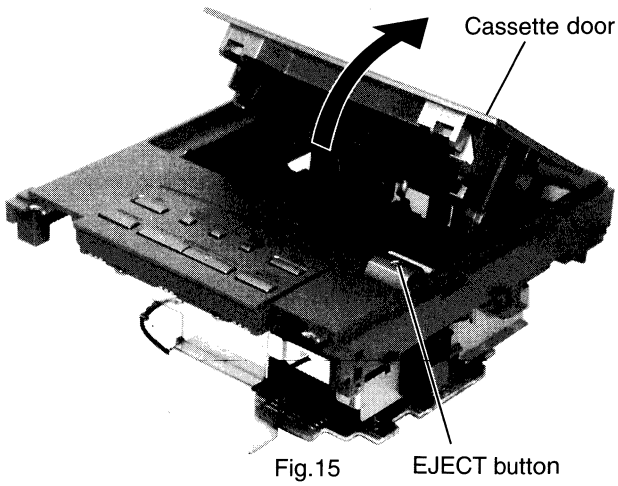


Fig.15

<Front panel assembly>

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.
- Remove the front panel assembly from the main frame.

■FRONT board (Refer to Fig. 16.)

1. Disconnect the card wires from the connectors CN701, CN712 and CN711 and the 3-pin harness from the connector CN714 of the FRONT board located in the back of the front panel assembly.
2. Remove the four screws O fastening the FRONT

■HEADPHONE TERMINAL board (Refer to Fig. 16.)

1. Remove the one screw Q fastening the CD DOOR SW (Switch) board from the back side of the front panel assembly.

■CD DOOR SW board (Refer to Fig. 16.)

1. Remove the one screw Q fastening the CD DOOR SW (Switch) board from the back side of the front panel assembly.

■OPERATION SW board (Refer to Fig. 17.)

- Remove the FRONT board from the back side of the front panel assembly.

1. Remove the five screws R fastening the OPERATION SW board.

■CD mechanism assembly (Refer to Fig. 17 and 18.)

- Remove the FRONT board and CD DOOR SW board from the back side of the front panel assembly.

1. Remove the four screws S fastening the CD mechanism assembly. Open the CD door in the front side of the front panel assembly and remove the CD mechanism assembly

   Note: When the screws S are removed, the CD SERVO CONTROL board is also unfastened together with the CD mechanism assembly. Pay careful attention to the CD SERVO CONTROL assembly not to get it falling down when loosening and removing the screws S.

2. Disconnect the flexible wire from the connector CN603 of the CD SERVO CONTROL board and the 2-pin harness from the connectors CN605, CN606 and CN607 respectively. Then remove the CD mechanism assembly and the CD SERVO CONTROL board together.

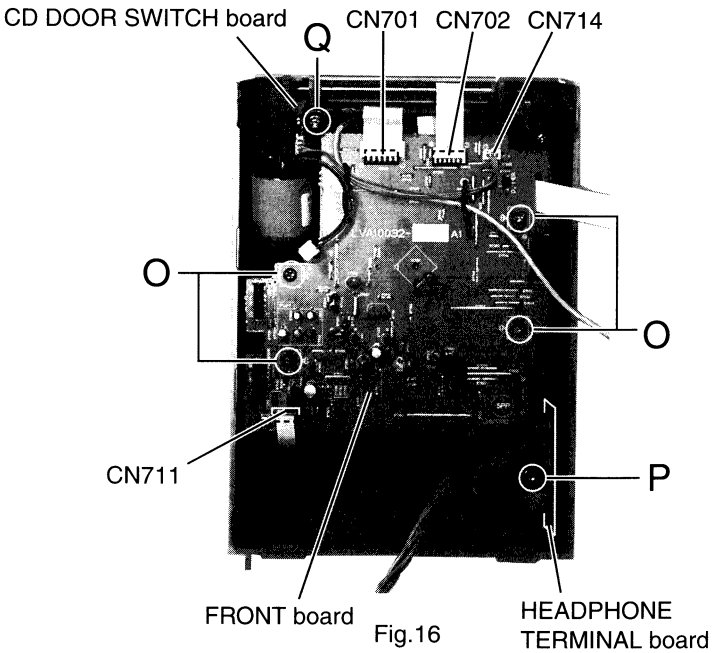


Fig.16

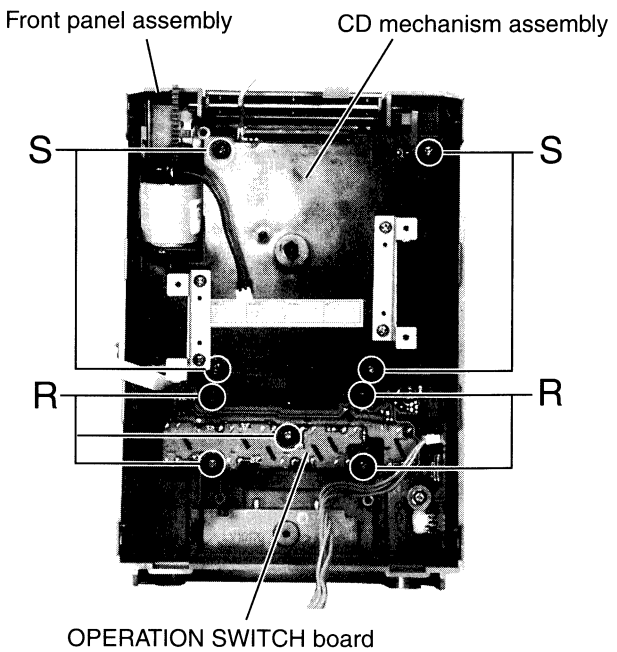


Fig.17

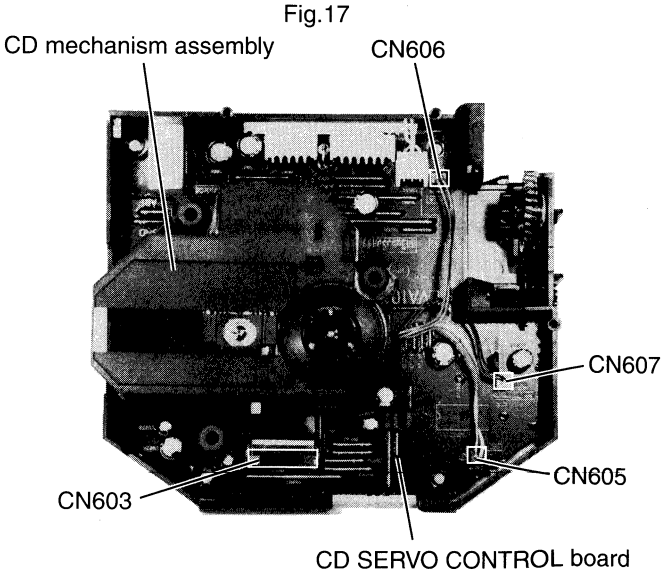


Fig.18

■Loading motor (Refer to Fig. 19.)

- Remove the FRONT board, CD DOOR SW board and CD player assembly from the front panel assembly.

1. Disengage the belt from the loading motor and then remove it and two screws T from the CD player assembly.

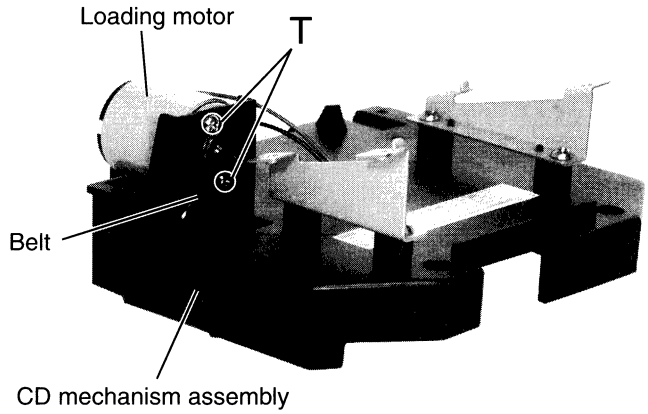


Fig.19

■CD door assembly (Refer to Fig. 20.)

1. Remove the two screws U fastening the CD door assembly.
2. Remove the two lock keys c for unhooking the CD door assembly, and then remove the CD door assembly from the front panel while moving it in the direction of the arrow.
3. Draw out the shaft and remove the CD door base.

Note: For reassembling the CD door assembly to the main frame, insert the CD door assembly into the two slits d on the front panel and fasten it with the two lock keys c.

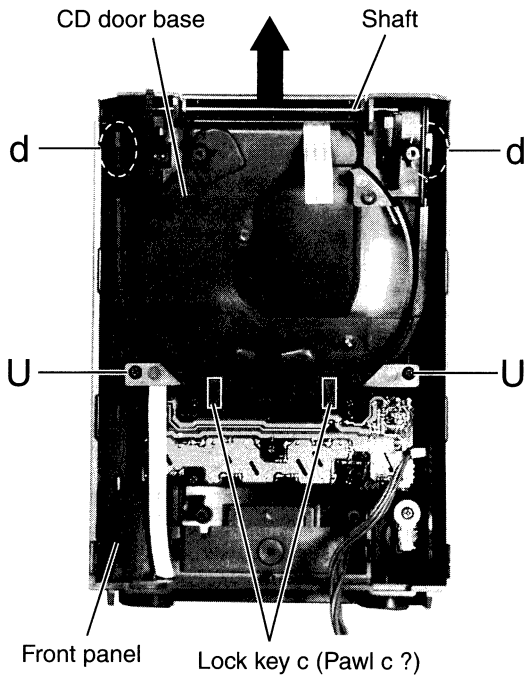


Fig.20

■LCD board assembly (Refer to Fig. 21 and 22.)

1. Open the CD door and remove three screws V fastening the LCD (cover) inside the CD door.
   Unhook the LCD board assembly from four pawls d of the board case.

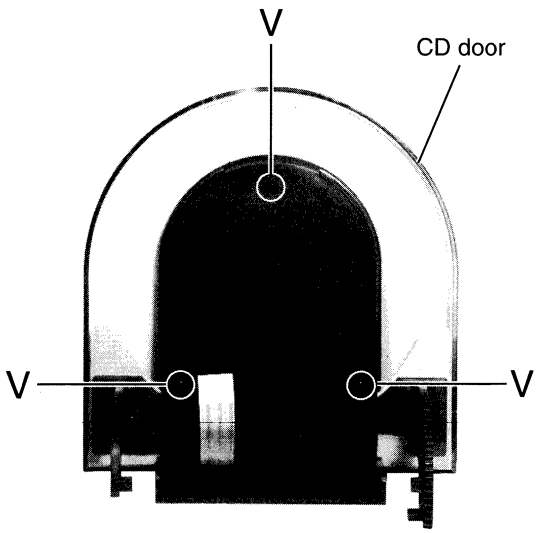


Fig.21

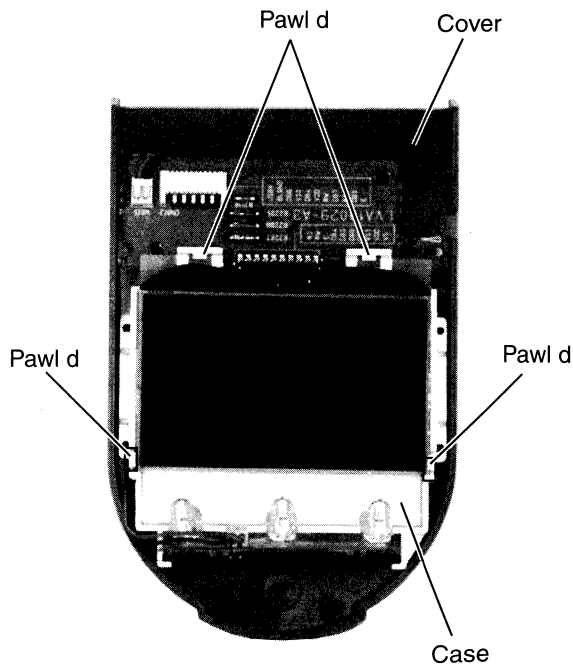


Fig.22

<<Cassette Mechanism Section>>

■ Removing the Playback/Recording & Eraser Head (See Figs. 1 and 2)

1. While shifting the trigger arms seen on the right side of the head mount in the arrow direction, turn the flywheel R in counterclockwise direction until the head mount has gone out with a click (See Fig. 1).
2. When the flywheel R is rotated in counterclockwise direction, the Playback/Recording & Eraser head will be turned in counterclockwise direction from the position in Fig. 2 to that in Fig. 3.
3. At this position, disconnect the flexible P.C. board (outgoing from the Playback/Recording & Eraser head) from the connector CN31 on the head amplifier & mechanism control P.C. board.
4. After dismounting the FPC holder, remove the flexible P.C. board.
5. Remove the flexible P.C. board from the chassis base.
6. Remove the spring Afro behind the Playback/Recording & Eraser head.
7. Loosen the reversing azimuth screw retaining the Playback /Recording & Eraser head.
8. Take out the Playback/Recording & Eraser head from the front of the head mount.
9. The Playback/Recoring & Eraser head should also be removed similarly according to Steps 1 ~ 8 above.

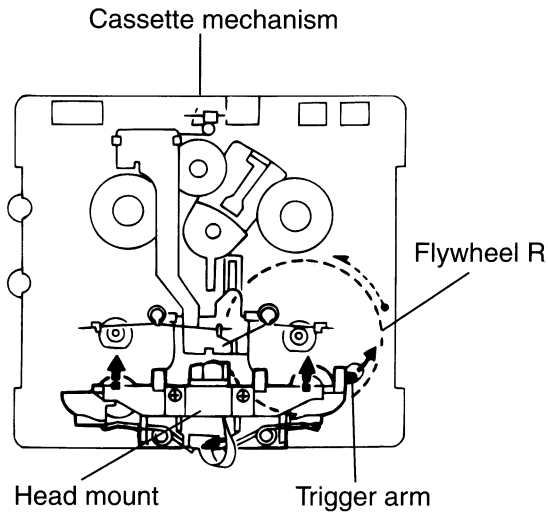


Fig. 1

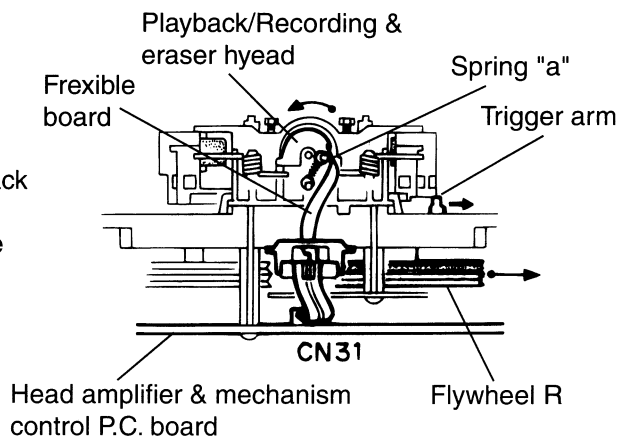


Fig. 2

■ Reassembling the Playback/Recording & Eraser Head

1. Reassemble the playback head from the front of the head mount to the position as shown in Fig. 3.
2. Fix the reversing azimuth screw.
3. Set the spring "a" from behind the Playback/Recording & Eraser head.
4. Attach the flexible P.C. board to the chassis base, and fix it with the FPC holder as shown in Fig. 3.
5. The Playback/Recording & Eraser head should also be reassembled similarly to Step 1 ~ 4 above.

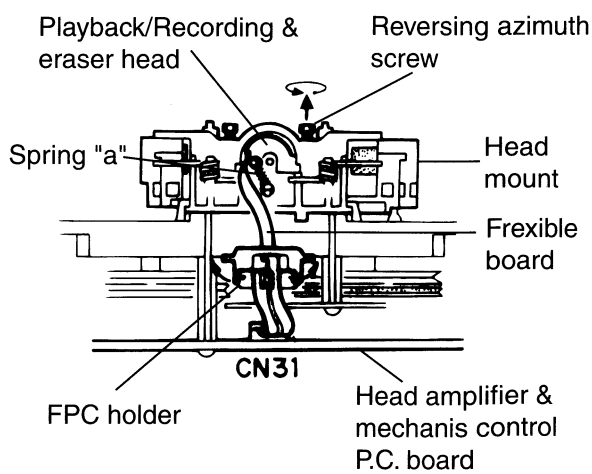


Fig. 3

■ Removing the Head amplifier & Mechanism control P.C. board

(See Fig. 4)

1. Remove the cassette mechanism assembly.
2. After turning over th cassette mechanism assembly, remove the three screws "1" retaining the head amplifier & mechanism control P.C. board.
3. Disconnect the connector CN32 on the P.C. board including the connector CN 1 on the reel pulse P.C. board.
4. When necessary, remove the 4 pin parallel wire soldered to the main motor.

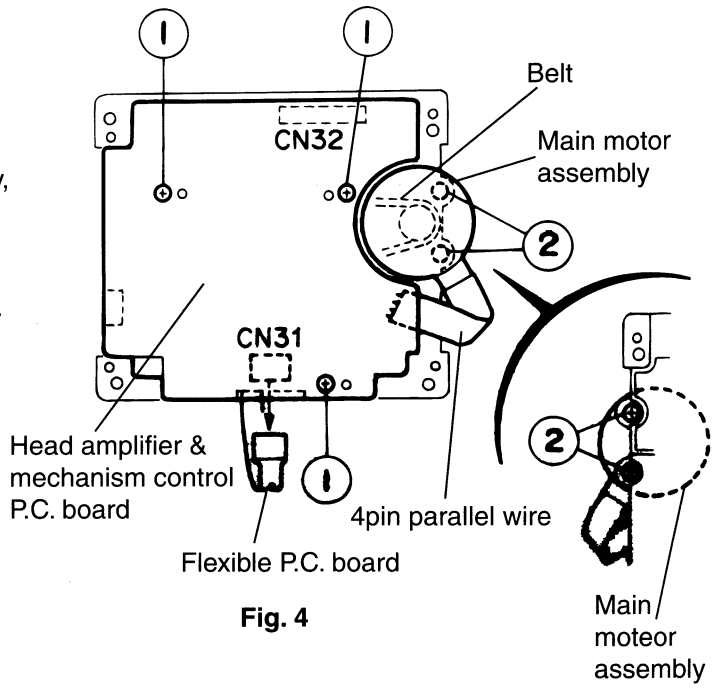


Fig. 4

■ Removing the Main Motor Assembly

(See Fig. 4~6)

1. Remove the two screws "2" retaining the main motor assembly (See Fig. 4, 4a).
2. While raising the main motor, remove the capstan belt from the motor pulley (See Fig. 4a).

   Caution 1: Be sure to handle the capstan belt so carefully that this belt will not be stained by grease and other foreign matter. Moreover, this belt should be hanged while referring to the capstan belt hanging method in Fig. 5, 6.

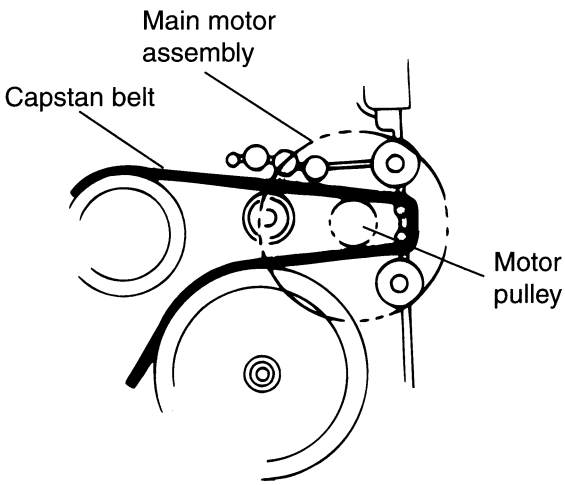


Fig. 4a

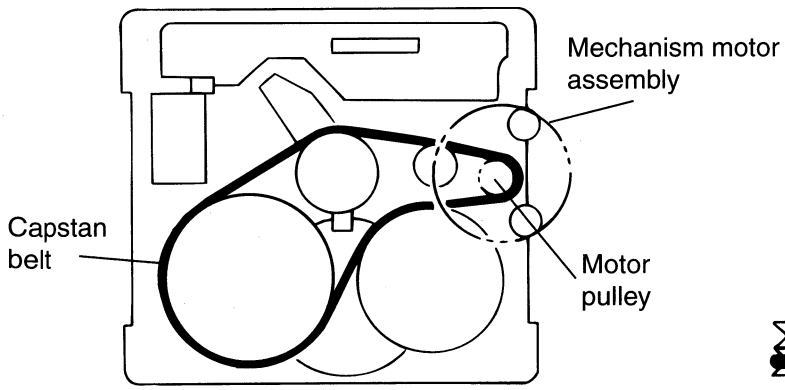


Fig. 5

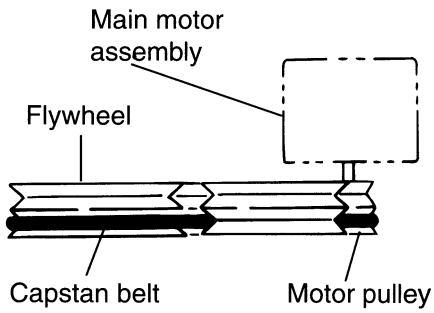


Fig. 6

■ Removing the Flywheel

(See Figs. 7 and 8)

1. Remove the head amplifier & mechanism control P.C. board.
2. Remove the main motor assembly.
3. After turning over the cassette mechanism, remove the slit washers "b" and "c" fixing the capstan shafts R and L, and pull out the flywheel R and L respectively from behind the cassette mechanism.

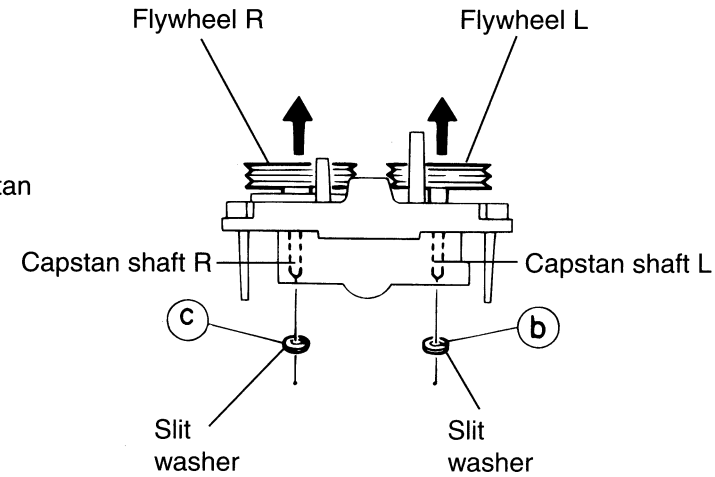


Fig.7

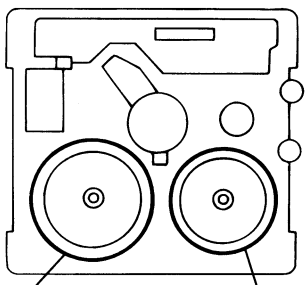


Fig. 8

■ Removing the Reel Pulse P.C. board and Solenoid

(See Fig. 9)

1. Remove the five pails "d"~"h" reataining the reel pulse P.C. board.
2. From the surface of the reel pulse P.C. board parts, remove the two pawls "i" and "j" retaining the solenoid.

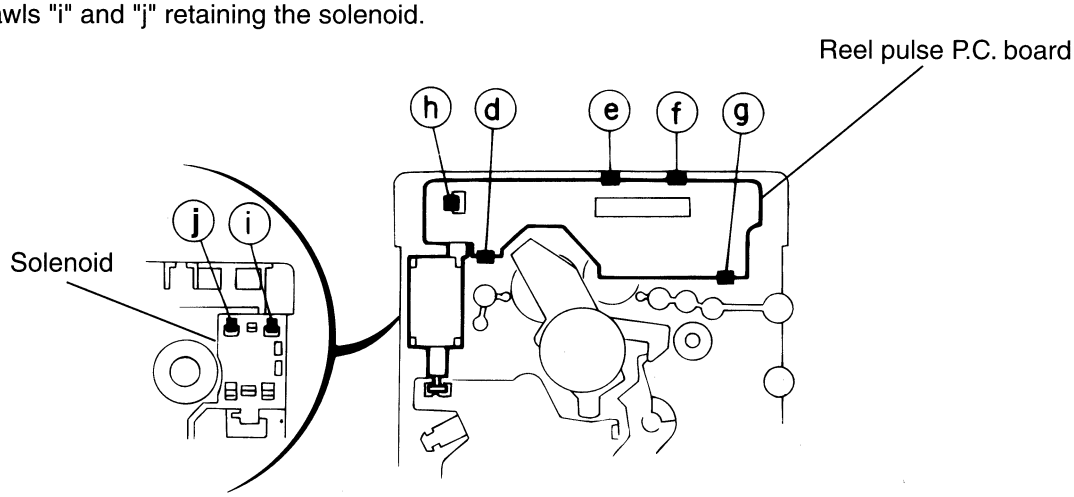


Fig. 9

Main Adjustment

■ Measurement Instruments Required for Adjustment

1. Low frequency oscillator
   This oscillator should have a capacity to output 0dBs to 600 Ω at an oscillation frequency of 50Hz-20kHz.
2. Attenuator impedance : 600 Ω
3. Electronic voltmeter
4. Distortion meter
5. Frequency counter
6. Wow & flutter meter
7. Test tape
   VTT703L : Head azimuth
   VT712 : Tape speed and running unevenness (3kHz)
   VT724 : Reference level (1kHz)
8. Blank tape
   TYPE Ⅰ : AC-225
   TYPE Ⅱ : AC-514
9. Torque gauge : For play and back tension FWD(TW2111A), REV(TW2121a) and FF/REW(TW2231A)
10. Test disc: CTS-1000

■ Measurement conditions

Power supply voltage
: AC230V (50Hz)----B/E/EE/EN
: AC110/127V/230V(50/60Hz)
: UB/UF/US/UX/U
Reference output : Speaker : 0.775V/4Ω
: Headphone : 0.077V/32Ω
Reference frequency and
input level ---------- 1kHz, AUX : -8dBs
MIX MIC: -54dBs (UB/UF/US/UX/U)
Input for confirming recording and playback characteristics ---------- AUX : -28dBs
Measurement output terminal ------- at Speaker J3002
※ Load resistance ---------- 4Ω

● Radio Input signal

AM frequency ---------- 400Hz
AM modulation ---------- 30%
FM frequency ---------- 400Hz
FM frequency deviation ---------- 22.5kHz

● Tuner section

B/E/EN version
FM Band cover: 87.5～108MHz
MW Band cover: 522～1,629kHz
LW Band cover: 144～288kHz
EE version
FM Band cover: 65～74MHz, 87.5～108MHz
MW Band cover: 522～1,629kHz
LW Band cover: 144～288kHz
UB/UF/US/UX/U version
FM Band cover: 87.5～108MHz
MW Band cover: 531～1,602kHz, 530～1,710kHz
SW Band cover: SW1 2.3～6.995MHz
: SW2 7～21.85MHz
Voltage applied to tuner ---------- +B : DC5.7V
VT : DC 12V
Reference measurement
output ---------- 26.1mV(0.28V)/3Ω
Input positions ------- AM : Standard loop antenna
FM : TP1 (hot) and TP2 (GND)

● Standard measurement position of volume

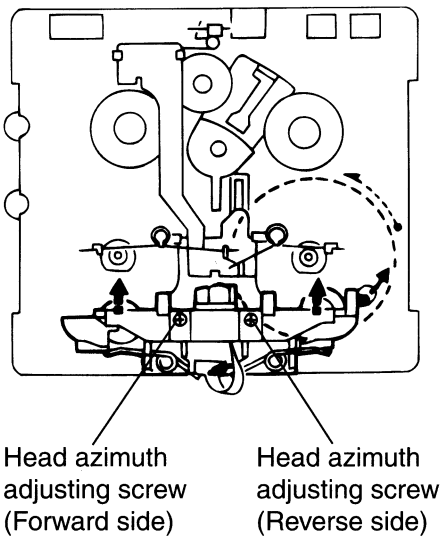
Function switch ---------- to Tape
Beat cut switch ---------- to Cut
Super Bass/Active hyper Bass ---------- to OFF
Bass Treble ---------- to Center
Adjustment of main volume to reference output
VOL : 28

Precautions for measurement

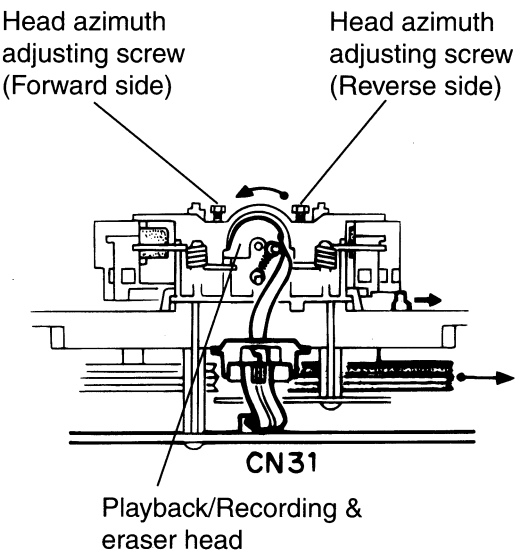
1. Apply 30pF and 33kΩ to the IF sweeper output side and 0.082μF and 100kΩ in series to the sweeper input side.
2. The IF sweeper output level should be made as low as possible within the adjustable range.
3. Since the IF sweeper is a fixed device, there is no need to adjust this sweeper.
4. Since a ceramic oscillator is used, there is no need to perform any MIX adjustment.
5. Since a fixed coil is used, there is no need to adjust the FM tracking.
6. The input and output earth systems are separated. In case of simultaneously measuring the voltage in both of the input and output systems with an electronic voltmeter for two channels, therefore, the earth should be connected particularly carefully.
7. In the case of BTL connection amp., the minus terminal of speaker is not for earthing. Therefore, be sure not to connect any other earth terminal to this terminal. This system is of an BTL system.
8. For connecting a dummy resistor when measuring the output, use the wire with a greater code size.
9. Whenever any mixed tape is used, use the band pass filter (DV-12).

<<Arrangement of Adjusting Position>>

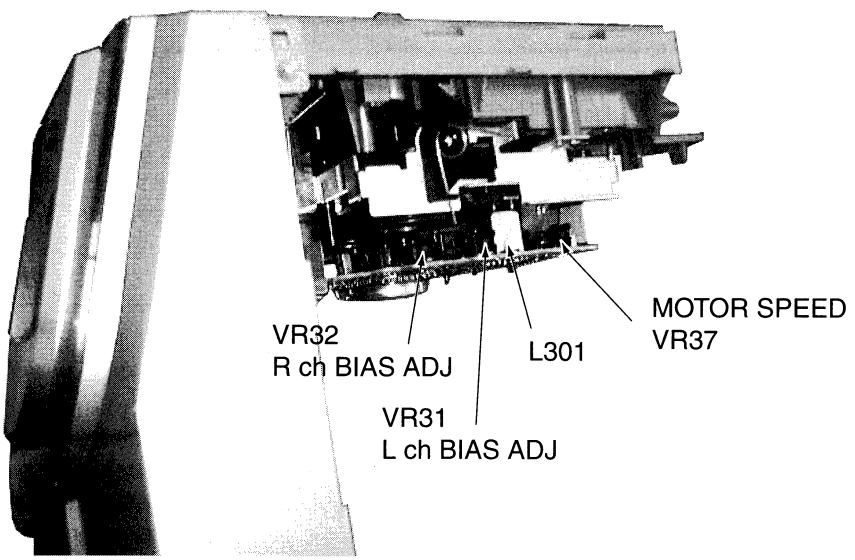
Cassette mechanism section



Cassette mechanism section (Back side)



Front panel assembly section



■ Tape Recorder Section

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Confirmation of head angle	Test tape : VTT703L (8kHz) Measurement output terminal : Speaker terminal Speaker R (Load resistance: 4Ω) : Headphone terminal	1 Playback the test tape VTT703L (8kHz) 2 With the recording & playback mechanism, adjust the head azimuth screw so that the forward and reverse output levels become maximum. After adjustment, lock the head azimuth at least by half turn. 3 In either case, this adjustment should be performed in both the forward and reverse directions with the head azimuth screw.	Maximum output	Adjust the head azimuth screw only when the head has been changed.
Confirmation of tape speed	Test tape : VT712 (3kHz) Measurement output terminal : Headphone terminal	Adjust VR37 so that the frequency counter reading becomes 2,940~3,090Hz ± when playing back the test tape VT712 (3kHz) with playback and recording mechanism after ending forward winding of the tape.	Tape speed of deck : 2,940 ~ 3,090Hz	VR37

■ Reference Values for Confirmation Items

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Difference between the forward and reverse speed	Test tape : VT712 (3kHz) Measurement output terminal : Speaker terminal Speaker R (Load resistance: 4 Ω) Measurement output terminal : Headphone	When the test tape VT712 (3kHz) has been played back with the recording and playback mechanism at the beginning of forward winding, the frequency counter reading of the difference between both of the mechanism should be 6.0Hz or less.	6.0Hz or less	Head azimuth screw
Wow & flutter	Test tape : VT712 (3kHz) Measurement output terminal : Headphone terminal	When the test tape VT712 (3kHz) has been played back with the recording and playback mechanism at the beginning of forward winding, the frequency counter reading of wow & flutter should be 0.25% or less (WRMS).	0.25% or less (WRMS)	

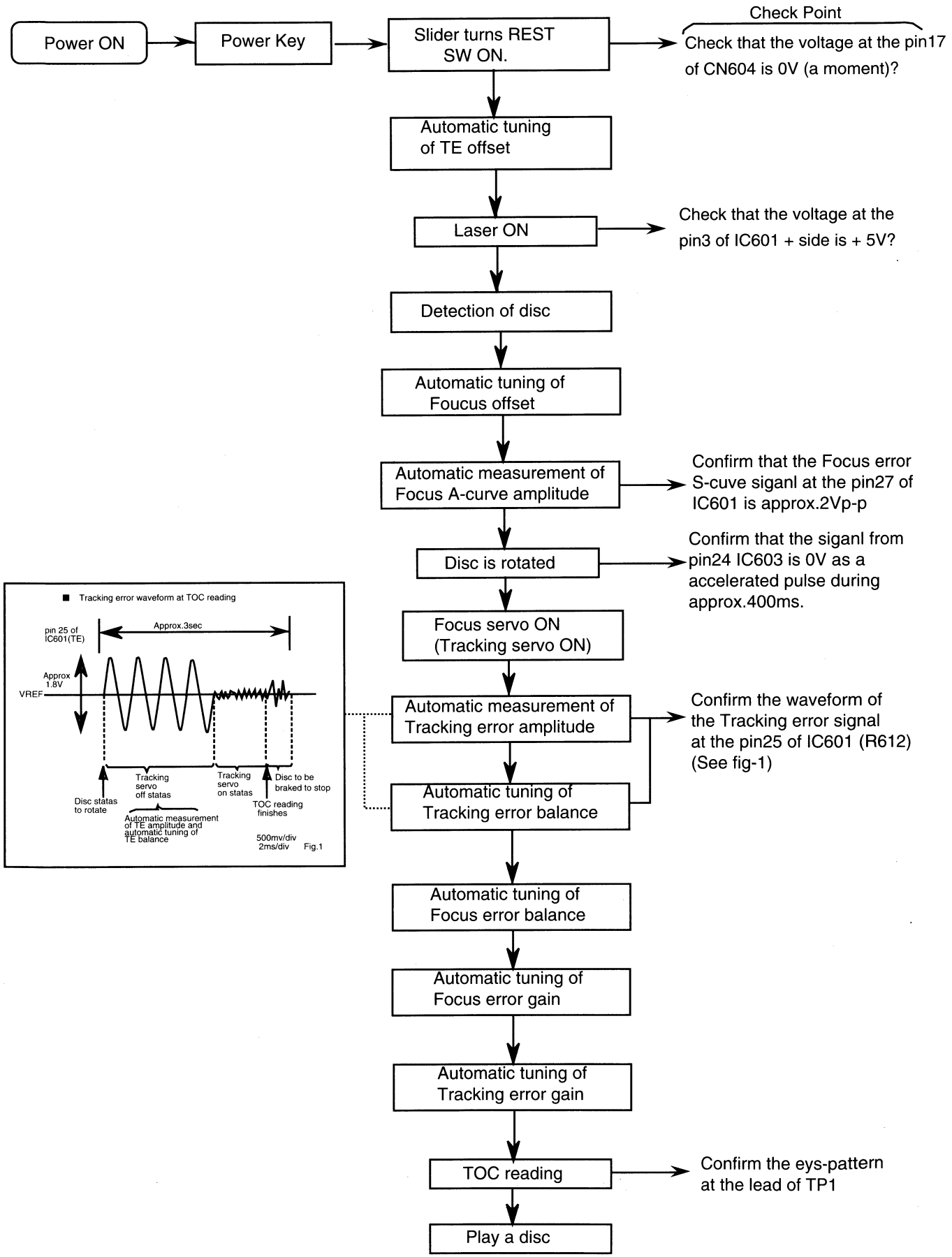
■ Electrical Performance

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Adjustment of recording bias current (Reference Value)	・Mode: Forward or reverse mode ・Recording mode ・Test tape : AC-514 to TYPE Ⅱ and AC-225 to TYPE Ⅰ Measurement output terminal : Both recording and headphone terminals	1 With the recording and playback mechanism, load the test tapes (AC-514 to TYPE Ⅱ and AC-225 to TYPE Ⅰ), and set the mechanism to the recording and pausing condition in advance. 2 After connecting 100 Ω in series to the recorder head, measure the bias current with a valve voltmeter at both of the terminals. 3 After resetting the [PAUSE] mode, start recording. At this time, adjust VR31 for Lch and VR32 for Rch so that the recording bias current values become 4.0 μA (TYPE Ⅰ) and 4.20 μA (TYPE Ⅱ).	AC-225 : 4.20 μA AC-514 : 4.0 μA	L ch : VR31 R ch : VR32
Adjustment of recording and playback frequency characteristics	Reference frequency : 1kHz and 10kHz (REF.: -20dB) Test tape : AC-514 to TYPE Ⅱ Measurement input terminal : OSC IN	1 With the recording and playback mechanism, load the test tapes (AC-514 to TYPE Ⅱ), and set the mechanism to the recording and pausing condition in advance. 2 While repetitively inputting the reference frequency signal of 1kHz and 10kHz from OSC IN, record and playback the rape. 3 While recording and playback the test tape in TYPE Ⅱ, adjust VR31 for Lch and VR32 for Rch so that the output deviation between 1kHz and 10kHz becomes -1dB±2dB.	Output deviation between 1kHz and 10kHz : -1dB±2dB	L ch : VR31 R ch : VR32

■ Reference Values for Electrical Function Confirmation Items

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Recording bias frequency	Forward or reverse ・Test tape : TYPE Ⅱ (AC-514) ・Measurement terminal : BIAS TP on P.C. board	1 While changing over to and from BIAS 1 and 2, confirm that the frequency is changed. 2 With the recording and playback mechanism, load the test tape. (AC-514 to TYPE Ⅱ), and set the mechanism to the recording and pausing condition in advance. 3 Confirm that the BIAS TP frequency on the P.C. board is 100kHz ± 6kHz.	100 kHz ±6 kHz	
Eraser current (Reference value)	Forward or reverse ・Recording mode ・Test tape : AC-514 to TYPE Ⅱ and AC-225 to TYPE Ⅰ Measurement terminal : Both of the eraser head terminals	1 While recording and playback mechanism, load the test tapes (AC-514 to TYPE Ⅱ and AC-225 to TYPE Ⅰ), and set the mechanism to the recording and pausing conditions in advance. 2 After setting to the recording conditions, connect 1W in series to the eraser head on the recording and playback mechanism side, and measure the eraser current from both of the eraser terminals.	TYPE Ⅱ : 120 mA TYPE Ⅰ : 75 mA	

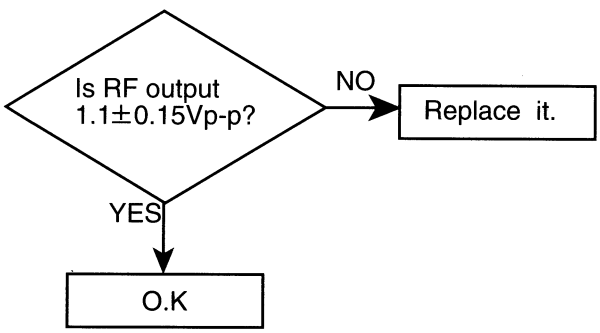
Flow of Functional Operation Until TOC Read



Maintenance of Laser Pickup

(1) Cleaning the pick up lens
Befor you replace the pick up, please try to clean the lens with a alcohol soaked cotton swab.

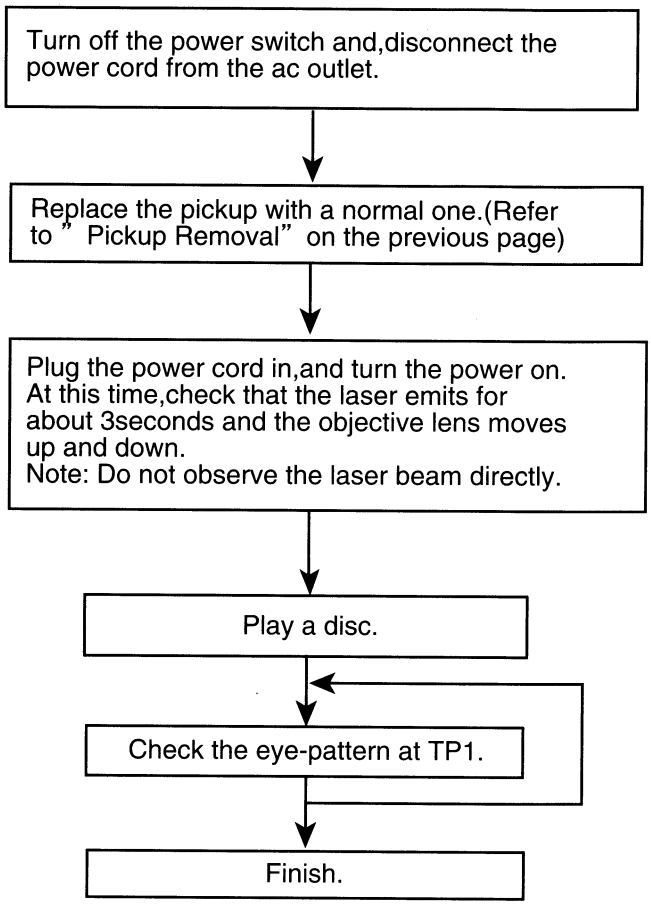
(2) Life of the laser diode (Fig.1)
When the life of the laser diode has expired, the following symptoms wil appear.
(1) The level of RF output (EFM output:amplitude of eye pattern) will below.



(Fig.1)

(3) Semi-fixed resistor on the APC PC board
The semi-fixed resistor on the APC printed circuit board which is attached to the pickup is used to adjust the laser power.Since this adjustment should be performed to match the characteristics of the whole optical block, do not touch the semi-fixed resistor.
If the laser power is lower than the specified value,the laser diode is almost worn out, and the laser pickup should be replaced.
If the semi-fixed resistor is adjusted while the pickup is functioning normally,the laser pickup may be damaged due to excessive current.

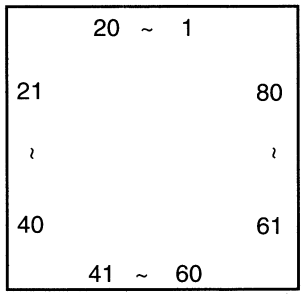
Replacement of Laser Pickup



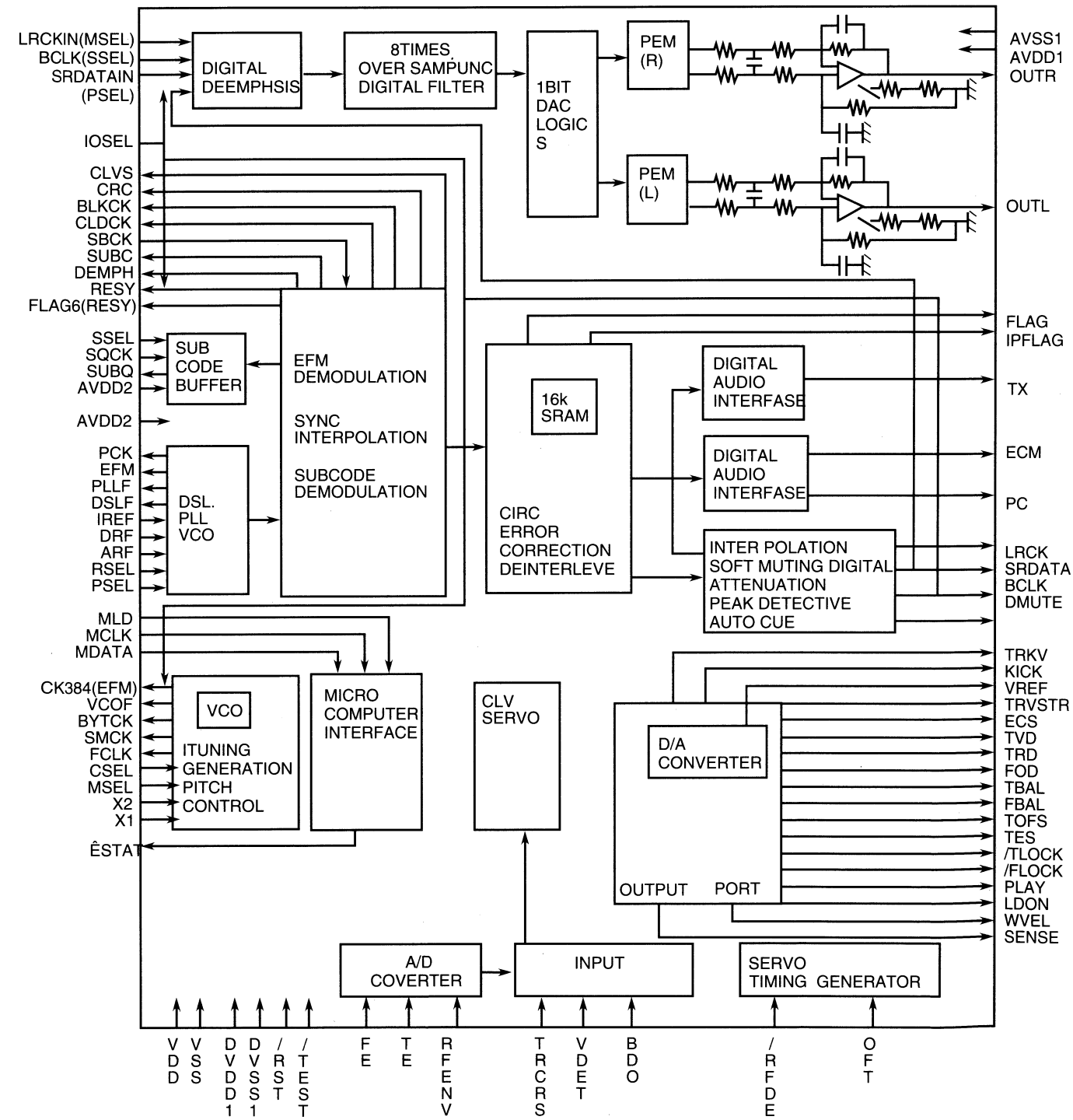
Descliption of major ICs

■ MN35510 (IC603) : DIGITAL SERVO&DIGITAL SIGNAL PROCESSER

1. Terminal Layout



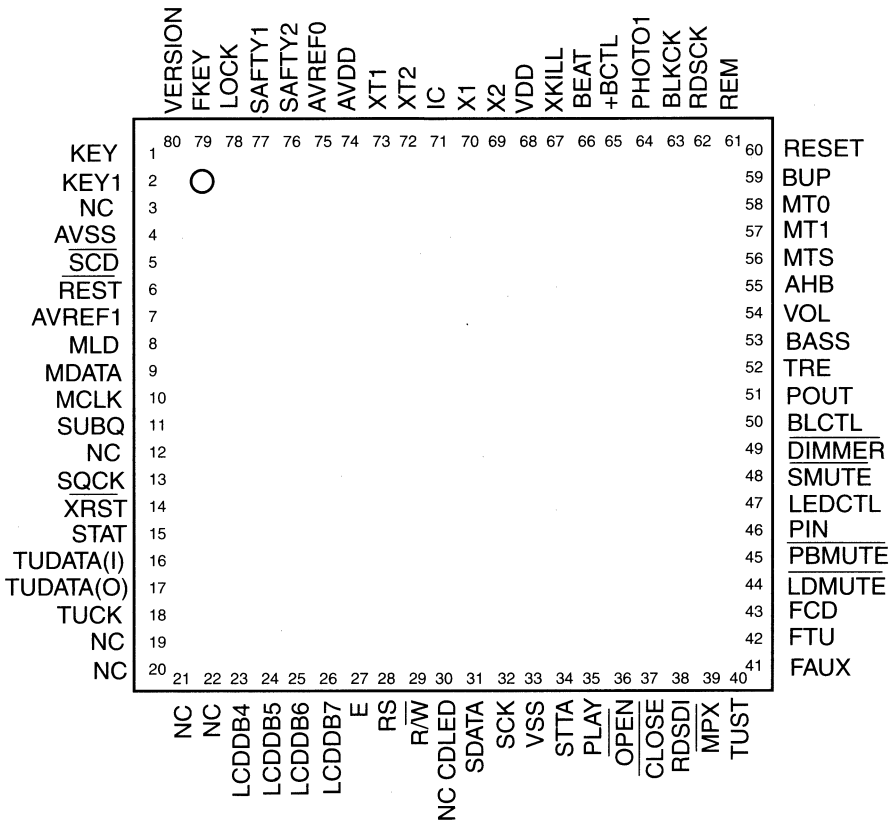
2.Block Diagram



3. Description

Pin No.	symbol	I/O	Description	Pin No.	symbol	I/O	Description
1	BCLK	O	Not used	41	TES	O	Tracking error shunt signal output(H:shunt)
2	LRCK	O	Not used	42	PLAY	—	Not used
3	SRDATA	O	Not used	43	WVEL	—	Not used
4	DVDD1	—	Power supply (Digital)	44	ARF	I	RF signal input
5	DVSS1	—	Connected to GND	45	IREF	I	Reference current input pin
6	TX	O	Digital audio interface output	46	DRF	I	Bias pin for DSL
7	MCLK	I	μcom command clock signal input (Data is latched at signal's rising point)	47	DSLF	I/O	Loop filter pin for DSL
8	MDATA	I	μcom command data input	48	PLLF	I/O	Loop filter pin for PLL
9	MLD	I	μcom command load signal input	49	VCOF	—	Not used
10	SENSE	O	Sence signal output	50	AVDD2	—	Power supply(Analog)
11	FLOCK	O	Focus lock signal output Active :Low	51	AVSS2	—	Connected to GND(Analog)
12	TLOCK	O	Tracking lock signal output Active :Low	52	EFM	—	Not used
13	BLKCK	O	sub-code/block/clock signal output	53	PCK	—	Not used
14	SQCK	I	Outside clock for sub-code Q resister input	54	PDO	—	Not used
15	SUBQ	O	Sub-code Q -code output	55	SUBC	—	Not used
16	DMUTE	—	Connected to GND	56	SBCK	—	Not used
17	STATUS	O	Status signal (CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	57	VSS	—	Connected to GND(for X'tal oscillation circuit)
18	RST	I	Reset signal input (L:Reset)	58	XI	I	Input of 16.9344MHz X'tal oscillation circuit
19	SMCK	—	Not used	59	X2	O	Output of X'tal oscillation circuit
20	PMCK	—	Not used	60	VDD	—	Power supply(for X'tal cscillation circuit)
21	TRV	O	Traverse enforced output	61	BYTCK	—	Not used
22	TVD	O	Traverse drive output	62	CLDCK	—	Not used
23	PC	—	Not used	63	FLAG	—	Not used
24	ECM	O	Spindle motor drive signal (Enforced mode output) 3-State	64	IPPLAG	—	Not used
25	ECS	O	Spindle motor drive signal (Servo error signal output)	65	FLAG	—	Not used
26	KICK	O	Kick pulse output	66	CLVS	—	Not used
27	TRD	O	Tracking drive output	67	CRC	—	Not used
28	FOD	O	Focus drive output	68	DEMPH		Not used
29	VREF	I	Reference voltage input pin for D/A output block (TVD,FOD,FBA,TBAL)	69	RESY	—	Not used
30	FBAL	O	Focus Balance adjust signal output	70	IOSEL	—	pull up
31	TBAL	O	Tracking Balance adjust signal output	71	TEST	—	pull up
32	FE	I	Focus error signal input(Analog input)	72	AVDD1	—	Power supply(Digital)
33	TE	I	Tracking error signal input(Analog input)	73	OUT L	O	Lch audio output
34	RF ENV	I	RF envelope signal input(Analog input)	74	AVSS1	—	Connected to GND
35	VDET	I	Vibration detect signal input(H:detect)	75	OUT R	O	Rch audio output
36	OFT	I	Off track signal input(H:off track)	76	RSEL	—	pull up
37	TRCRS	I	Track cross signal input	77	CSEL	—	Connected to GND
38	RFDET	I	RF detect signal input(L:detect)	78	PSEL	—	Connected to GND
39	BDO	I	BDO input pin(L:detect)	79	MSEL	—	Connected to GND
40	LDON	O	Laser ON signal output(H:on)	80	SSEL	—	Pull up

■ UPD78056GC-A29(IC701)System controller



2. Description

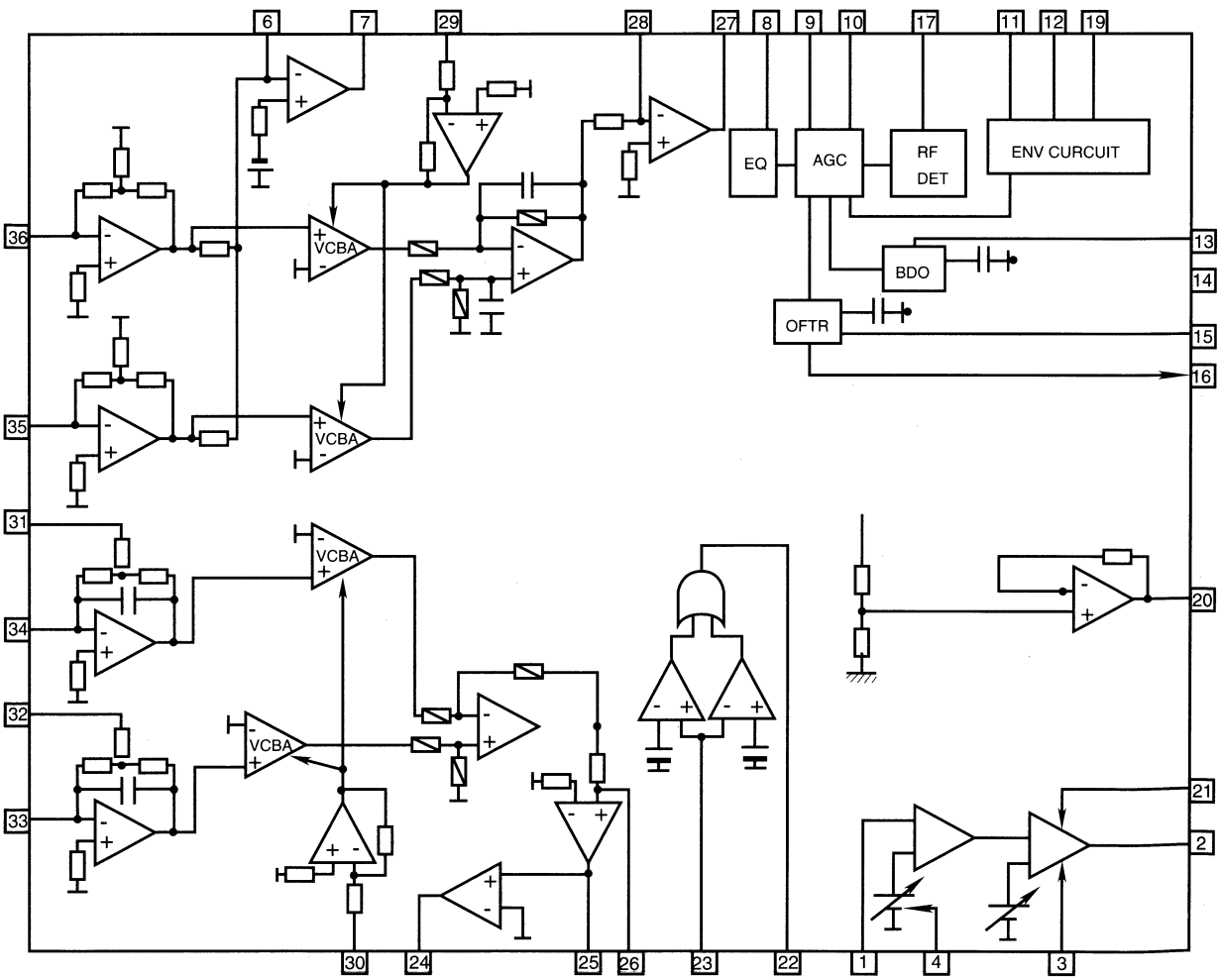
Pin No.	symbol	I/O	Description	Pin No.	symbol	I/O	Description
1	KEY	I	Operation key input	41	FAUX	I/O	Tracking error shunt signal output(H:shunt)
2	KEY1	I	Operation key input	42	FTU	I/O	Not used
3	NC	I	Digital GND	43	FCD	I/O	Not used
4	AVSS	I	Digital GND	44	$\overline{\text{LDMUTE}}$	I/O	RF signal input
5	$\overline{\text{SCD}}$	I/O		45	$\overline{\text{PBMUTE}}$	I/O	Reference current input pin
6	$\overline{\text{REST}}$	I	Rest switch input	46	PIN	I/O	Bias pin for DSL
7	AVREF1	I	Power supply input +5v	47	LEDCTL	I/O	Loop filter pin for DSL
8	MLD	O	μ com command data output				
9	MDATA	O	μ com command data output	48	$\overline{\text{SMUTE}}$	I/O	Loop filter pin for PLL
10	MCLK	O	μ com command clock signal output (Data is latched at signal's rising point)	49	DIMMER	I/O	Not used
				50	BLCTL	I/O	Power supply(Analog)
11	SUBQ	I	Sub-code Q -code input	51	POUT	I/O	Connected to GND(Analog)
12	NC	—	Not used	52	TRE	I/O	Not used
13	SQCK	O	Outside clock for sub-code Q resister output	53	BASS	I/O	Not used
14	$\overline{\text{XRST}}$	O	Reset signal output (L:Reset)	54	VOL	I/O	Not used
15	STAT	I	Status signal (CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	55	AHB	I/O	Not used
				56	MTS	I/O	Not used
16	TUDATA(1)	I	μ com command data input for tunner	57	MT1	I/O	Connected to GND(for X'tal oscillation circuit)
17	TUDATA(O)	O	μ com command data output for tunner				
18	TUCK	O	μ com command clock signal output for tunner	58	MT0	I/O	Input of 16.9344MHz X'tal oscillation circuit
19	NC	—	Not used	59	BUP	I/O	Output of X'tal oscillation circuit
20	NC	—	Not used	60	RESET	I	Power supply(for X'tal cscillation circuit)
21	NC	—	Not used	61	REM	I	Not used
22	NC	—	Not used	62	RDSCK	I/O	Not used
23	LCDDB4	O	LCD driver output signal	63	BLKCK	I/O	Not used
24	LCDDB5	O	LCD driver output signal	64	PHOTO1	I/O	Not used
25	LCDDB6	O	LCD driver output signal				
26	LCDDB7	O	LCD driver output signal	65	+BCTL	I/O	Not used
27	E	O					
28	RS	O		66	BEAT	I/O	Not used
29	R/$\overline{\text{W}}$	O		67	XKILL	I/O	Not used
30	NC CDLED	I	μ com command data input for cassette	68	VDD	I	Not used
31	SDATA	O	μ com command data output for cassette	69	X2	I	Not used
32	SCK	O	μ com command clock signal output for cassette				
33	VSS	I	Digital GND	70	X1	I	pull up
34	STTA	O	μ com command data output for cassette	71	IC	I	pull up
35	PLAY	I/O	Focus error signal input(Analog input)	72	XT2	I	Power supply(Digital)
36	$\overline{\text{OPEN}}$		Tracking error signal input(Analog input)	73	XT1	I	Lch audio output
		I/O	RF envelope signal input(Analog input)	74	AVDD	I	Connected to GND
		I/O	Vibration detect signal input(H:detect)	75	AVREF0	I	Rch audio output
		I/O	Off track signal input(H:off track)	76	SAFTY2	I/O	pull up
37	$\overline{\text{CLOSE}}$	I/O	Track cross signal input	77	SAFTY1	I/O	Connected to GND
38	RDSDI	I/O	RF detect signal input(L:detect)	78	LOCK	I/O	Connected to GND
39	$\overline{\text{MPX}}$	I/O	BDO input pin(L:detect)	79	FKEY	I/O	Connected to GND
40	TUST	I/O	Laser ON signal output(H:on)	80	VERSION	I/O	Pull up

■ AN8806SB (IC601) : RF&Servo AMP

1.Terminal Layout

PD	1	36	PDAC
LD	2	35	PDBD
LDON	3	34	PDF
LDP	4	33	PDE
VCC	5	32	PDER
RF-	6	31	PDFR
RF OUT	7	30	TBAL
RF IN	8	29	FBAL
C.AGC	9	28	EF-
ARF	10	27	EF OUT
C.ENV	11	26	TE-
C.EA	12	25	TE OUT
CS BDO	13	24	CROSS
BDO	14	23	TE BPF
CS BRT	15	22	VDET
OFTR	16	21	LD OFF
/NRFDET	17	20	VREF
GND	18	19	ENV

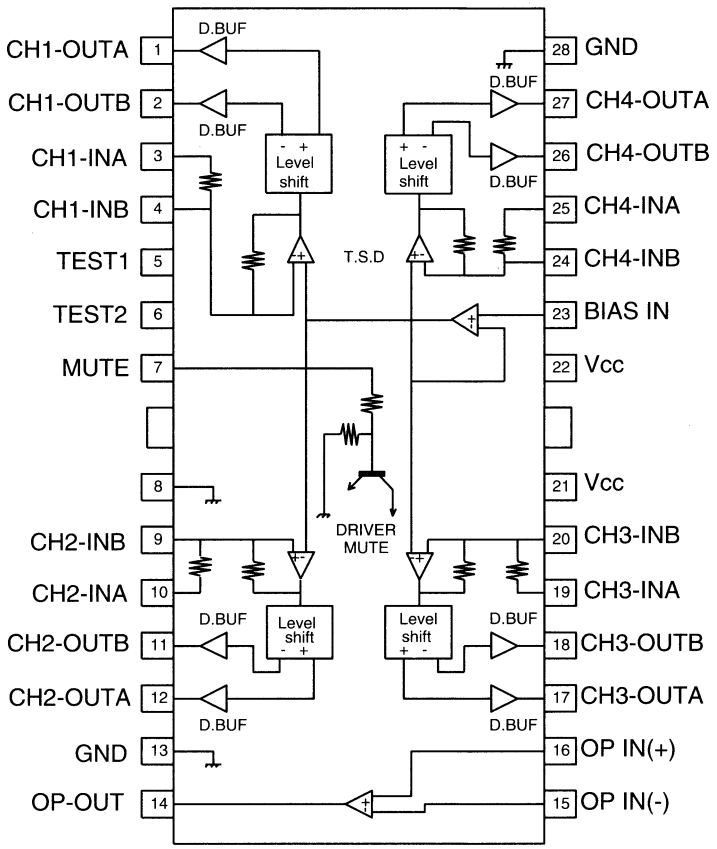
2.Block Diagram



3. Functions

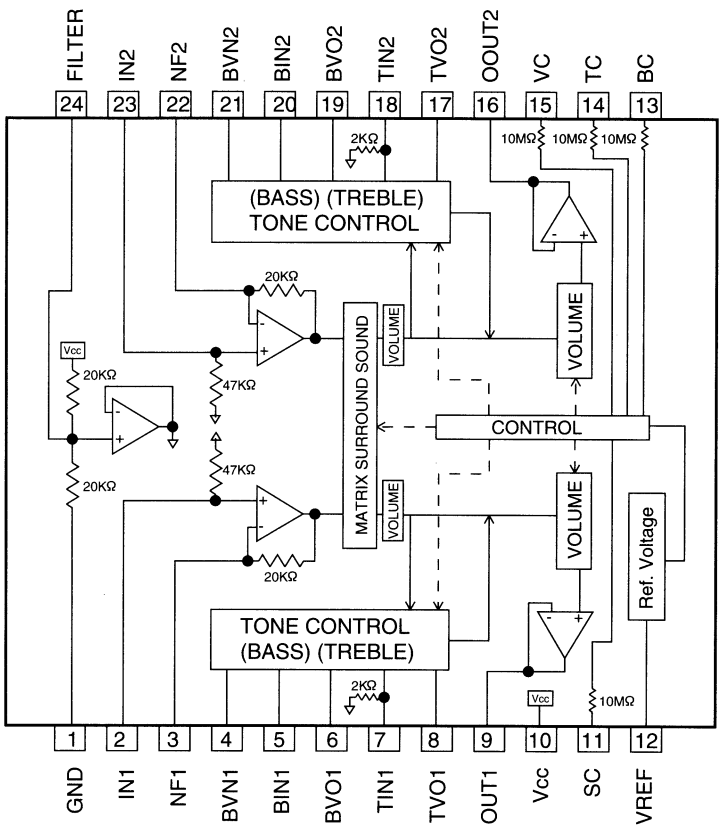
Pin No.	Symbol	I/O	Functions and operations
1	PD	I	APC amp input terminal
2	LD	O	APC amp output terminal
3	LD ON	I	APC ON/OFF control terminal
4	LDP	--	Connect to ground
5	VCC	--	Power supply
6	RF-	I	Inverse input pin for RF amp
7	RF OUT	O	RFamp output
8	RF IN	I	RF input
9	C.AGC	I/O	Connecting pin of AGC loop filter
10	ARF	O	RF output
11	C.ENV	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
12	C.EA	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
13	CS BDO	I/O	A capacitor is connected to detect the lower envelope of RF signal
14	BDO	O	BDO output pin
15	CS BRT	I/O	A capacitor is connected to detect the lower envelope of RF signal
16	OFTR	O	Of-track status signal output
17	/NRFDET	O	RF detection signal output
18	GND	--	Ground
19	ENV	O	Envelope output
20	VREF	O	Reference voltage output
21	LD OFF	--	Connect to ground
22	VDET	O	Vibration detection signal output
23	TE BPF	I	Input pin of tracking error through BPF
24	CROSS	O	Tracking error cross output
25	TE OUT	O	Tracking error signal output
26	TE-	I	Inverse input pin for tracking error amp
27	FE OUT	O	Output pin of focus error
28	FE-	I	Inverse input pin for focus error amp
29	FBAL	I	Focus balance control
30	TBAL	I	Tracking balance control
31	PDFR	I/O	F I-V amp gain control
32	PDER	I/O	E I-V amp gain control
33	PDF	I	I-V amp input
34	PDE	I	I-V amp input
35	PD BD	I	I-V amp input
36	PD AC	I	I-V amp input

■ BA6897FPW(IC602):4channel driver



■ BH3852S (IC305) : E.VOLUME

1. Block Diagrams

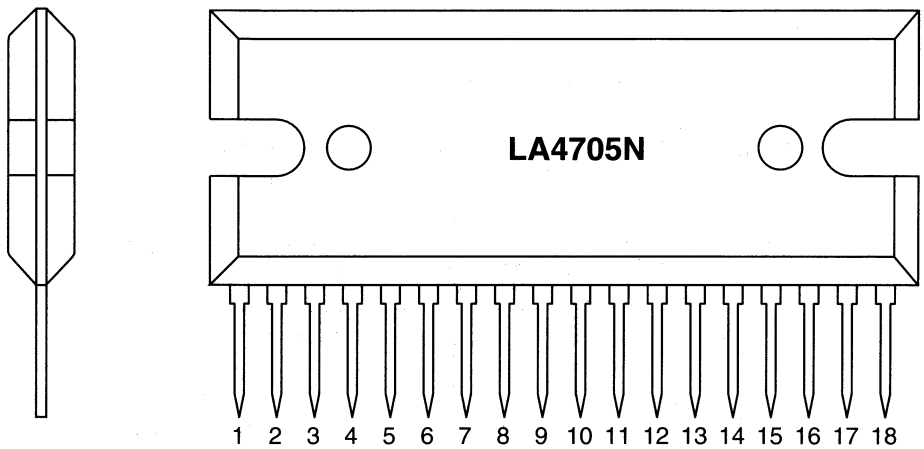


2. Pin Function

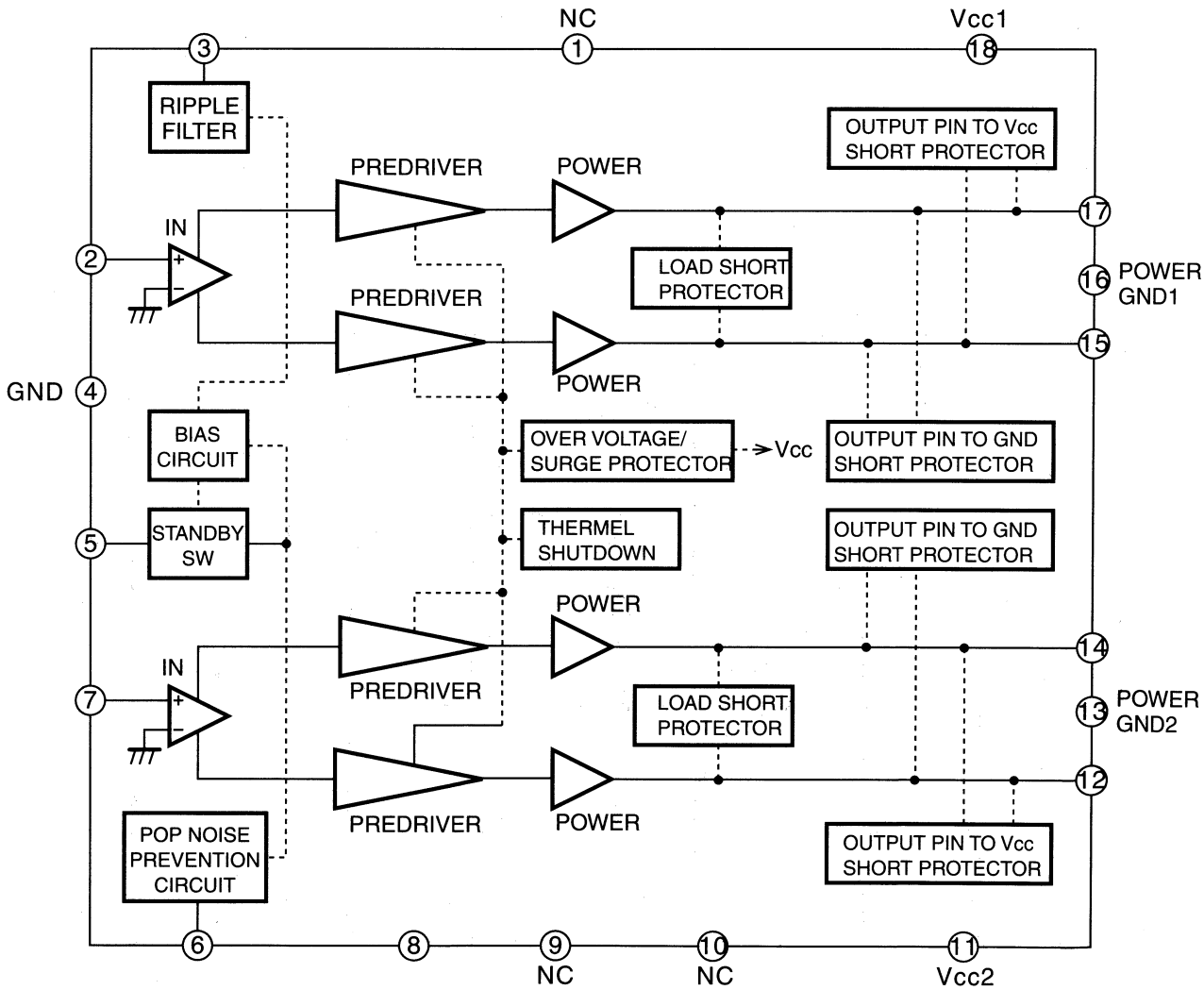
Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
1	GND	-	Connect to GND.	13	BASS	I	Terminal for bass control.
2	IN1	I	Terminal for 1ch volume input.	14	TRE	I	Terminal for treble control.
3	NF1	I	Terminal for gain adjustment of input step AMP.	15	VOL	I	Terminal for volume control.
				16	OUT2	O	Terminal for 2ch volume output.
4~6	BASS1	-	Terminal for connection of 1ch low-frequency filter.	17.18	TRE2	-	Terminal for connection of 2ch high-frequency filter.
7.8	TRE1	-	Terminal for connection of 1ch high-frequency filter.	19~21	BASS2	-	Terminal for connection of 2ch low-frequency filter.
9	OUT1	O	Terminal for 1ch volume output.	22	NF2	I	Terminal for gain adjustment of input step AMP.
10	VCC	-	Terminal for power supply.				
11	LIVE	-	Terminal for surround control.	23	IN2	I	Terminal for 2ch volume input.
12	VREF	O	Terminal for reference voltage output.	24	VSET	-	Terminal for filter.

■LA4705NA (IC301) : 2ch BTL power IC

1. Pin layout

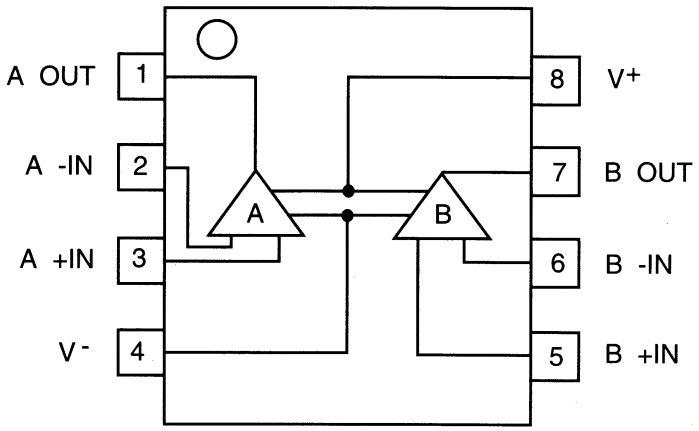


2. Block diagram



■NJM4580L (IC302) : BASS Boost Amp.

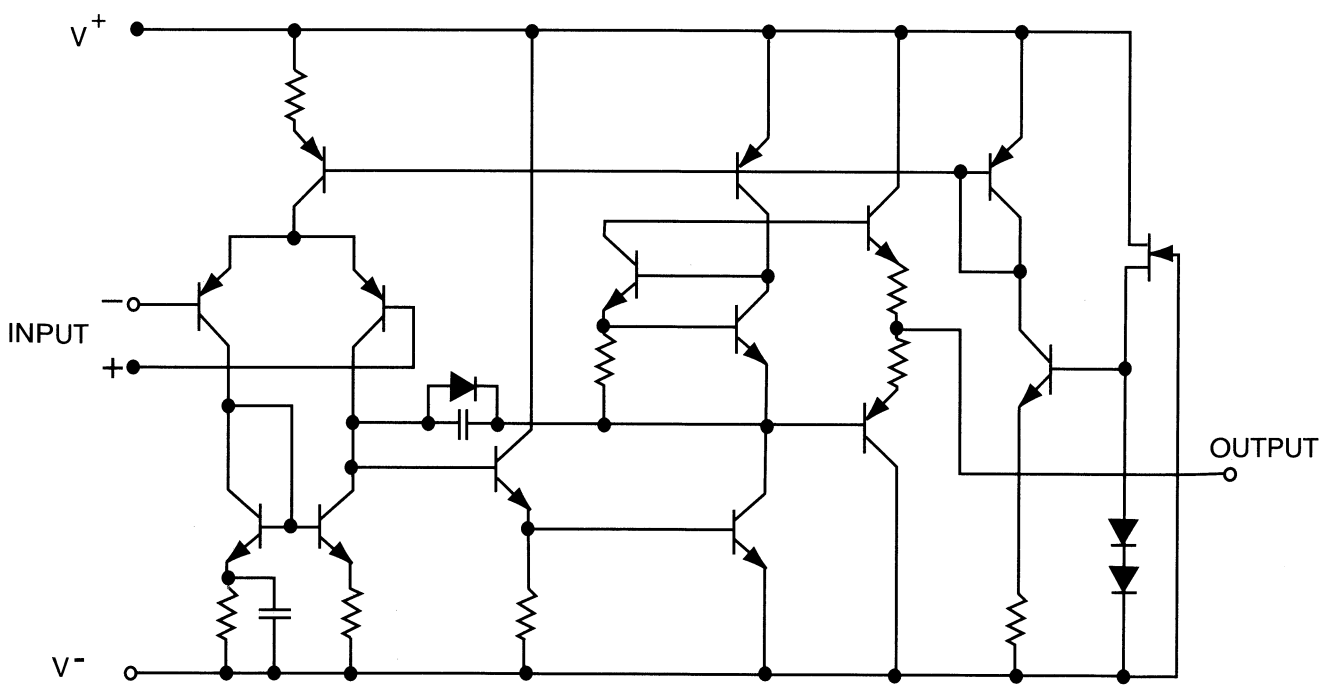
1.Terminal Layout



(TOP VIEW)

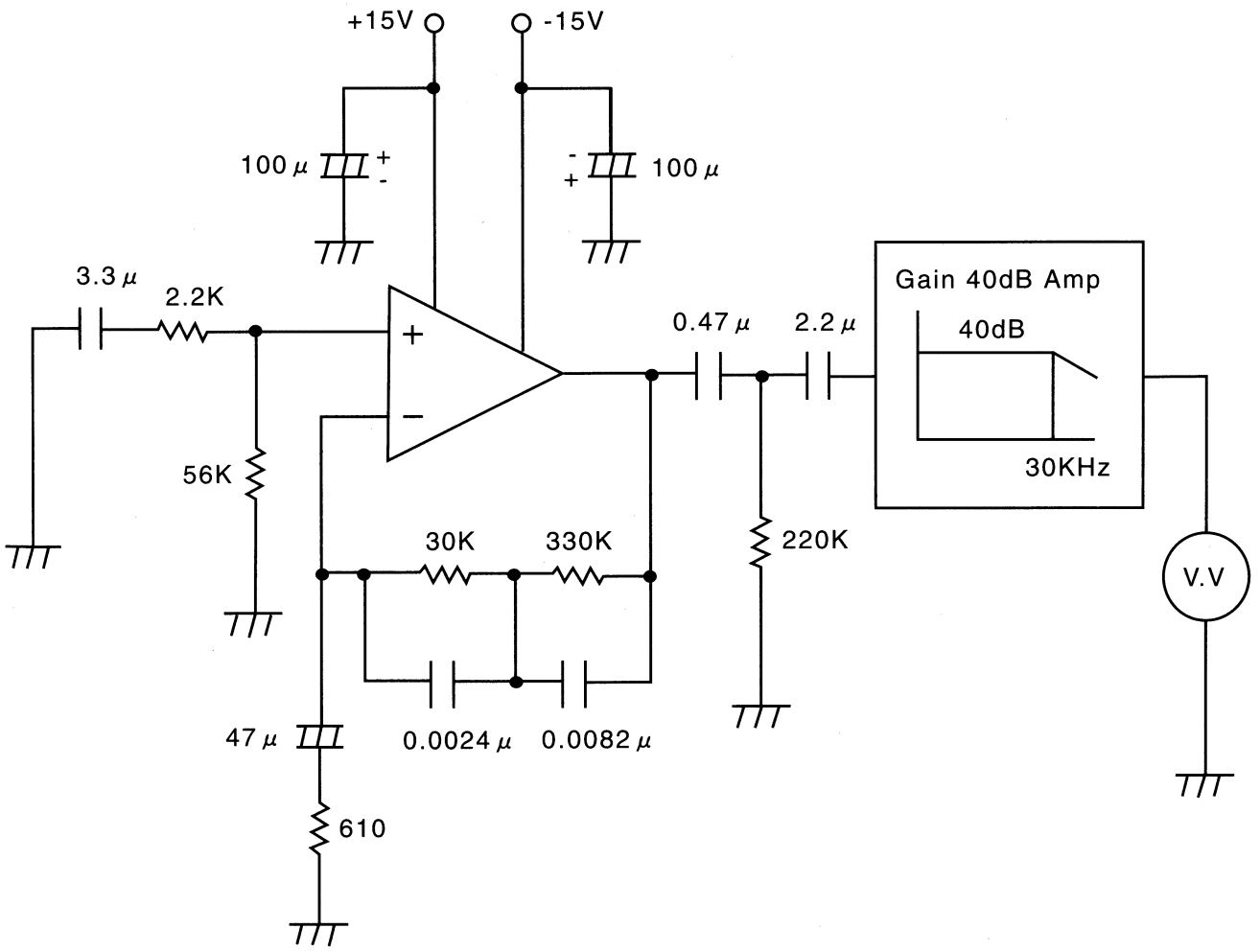
CONNECTION INFORMATION

2.Block Diagram



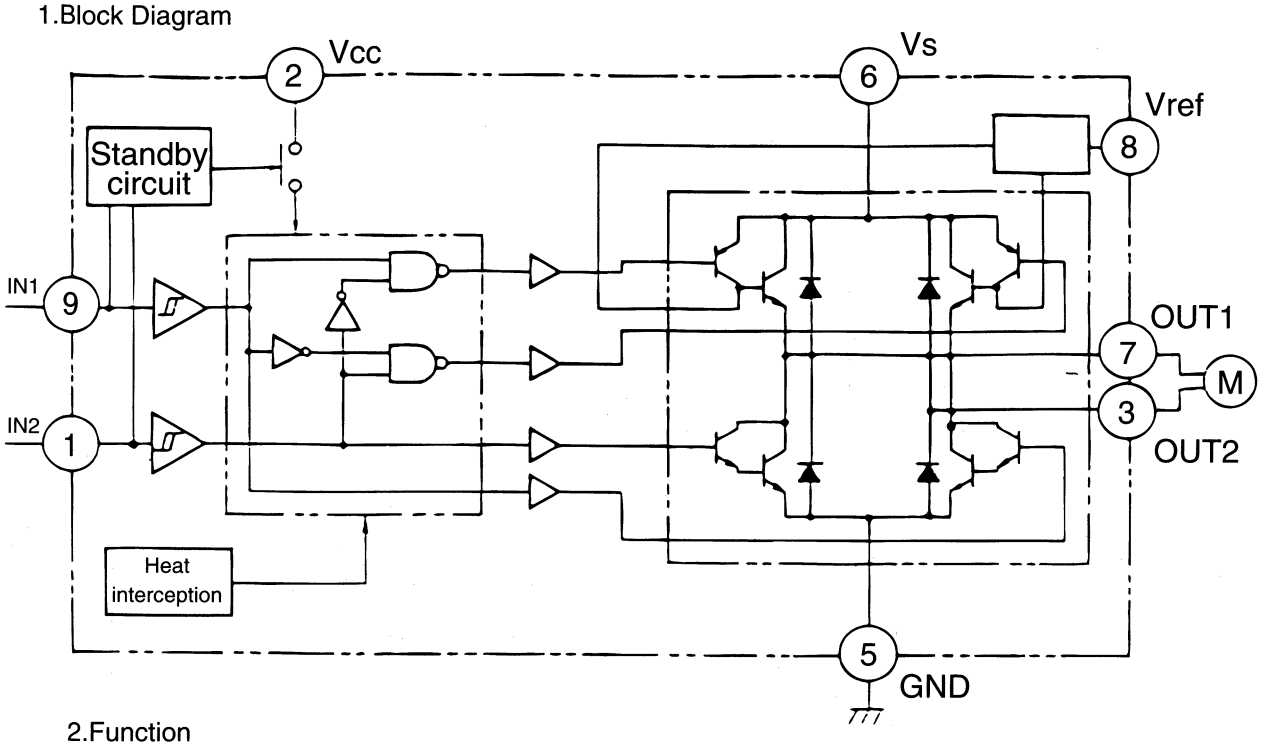
EQUIVALENT CIRCUIT

INPUT NOISE VOLTAGE MEASURMENT CIRCUIT



■ TA8409S (IC308) : Motor Driver

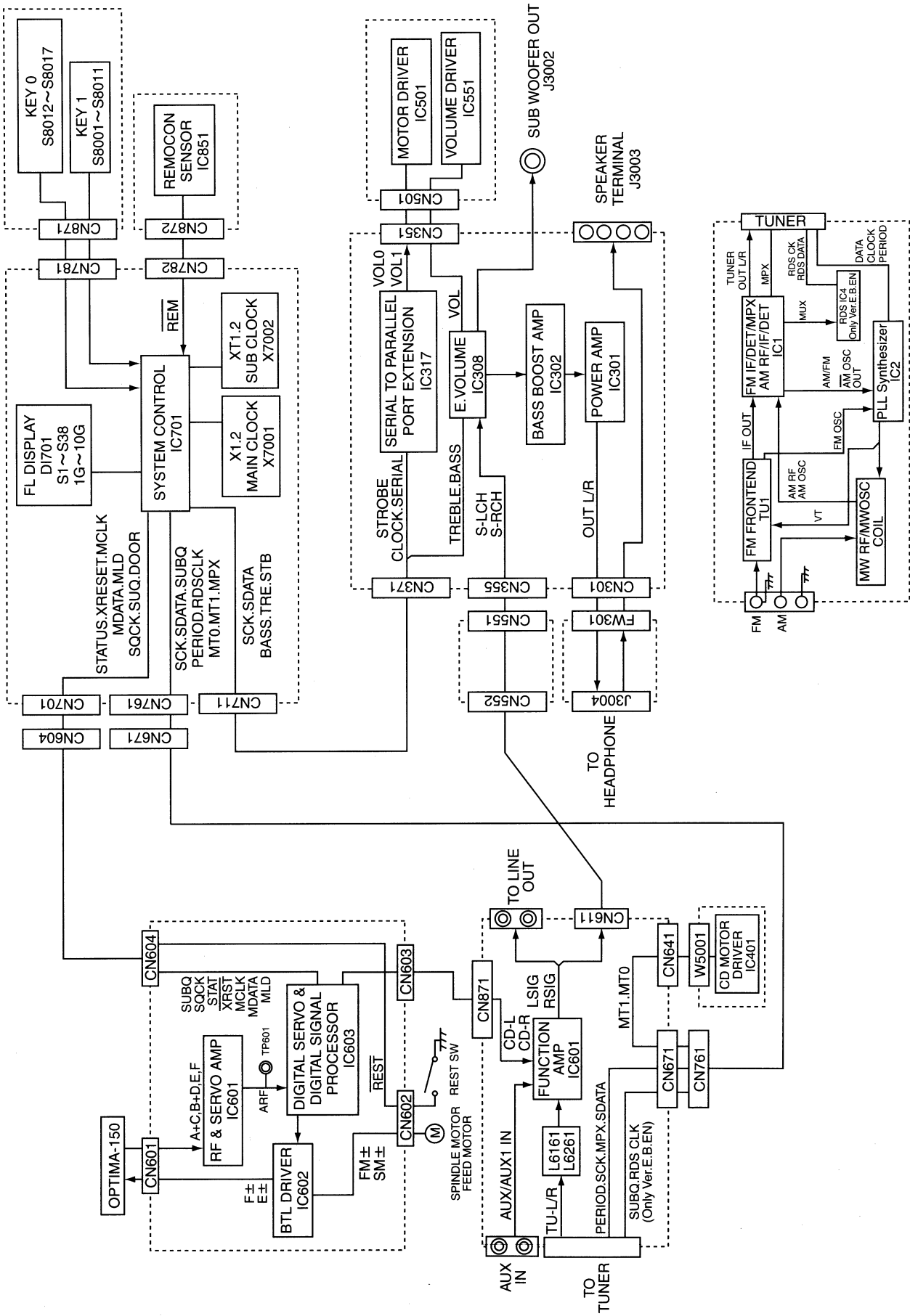
1.Block Diagram



2.Function

INPUT		OUTPUT		MODE
IN1	IN2	OUT1	OUT2	MOTOR
0	0	∞	∞	STOP
1	0	H	L	CW/CCW
0	1	L	H	CCW/CW
1	1	L	L	BRAKE

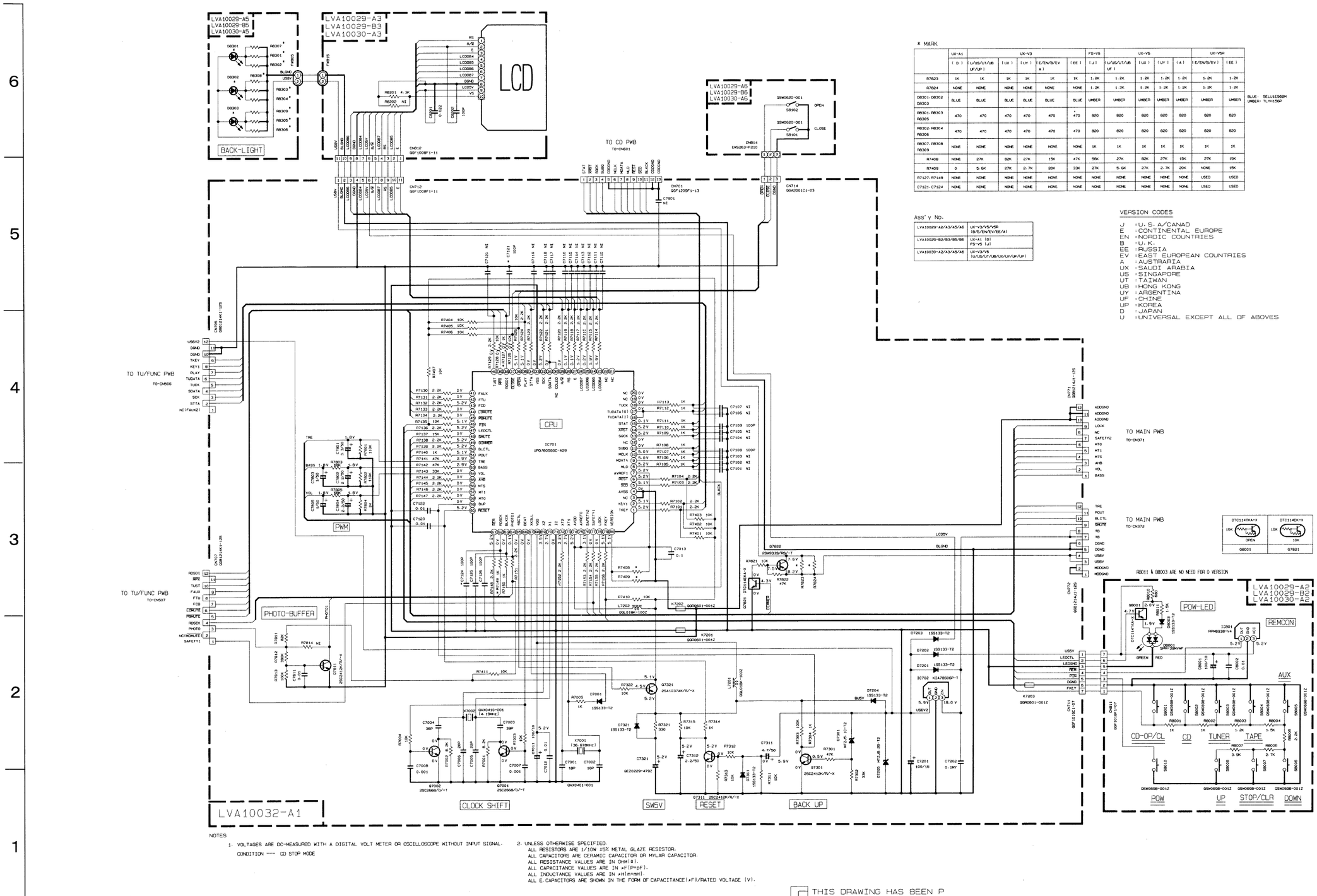
Block Diagram



<<MEMO>>

Standard Schematic Diagrams

■ Display Circuit for UX-V3/V5/V5R/FS-V5



* MARK

	UX-A1	UX-V3					FS-V5	UX-V5				UX-V5R	
	(D)	(U/US/UT/UB/UF/UP)	(UX)	(UY)	(E/EN/B/EV/A)	(EE)	(J)	(U/US/UT/UB/UF)	(UX)	(UY)	(A)	(E/EN/B/EV)	(EE)
R7623	1K	1K	1K	1K	1K	1K	1.2K	1.2K	1.2K	1.2K	1.2K	1.2K	1.2K
R7624	NONE	NONE	NONE	NONE	NONE	NONE	1.2K	1.2K	1.2K	1.2K	1.2K	1.2K	1.2K
D8301-D8302 D8303	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	UMBER	UMBER	UMBER	UMBER	UMBER	UMBER	UMBER
R8301-R8303 R8305	470	470	470	470	470	470	820	820	820	820	820	820	820
R8302-R8304 R8306	470	470	470	470	470	470	820	820	820	820	820	820	820
R8307-R8308 R8309	NONE	NONE	NONE	NONE	NONE	NONE	1K	1K	1K	1K	1K	1K	1K
R7408	NONE	27K	82K	27K	15K	47K	56K	27K	82K	27K	15K	27K	15K
R7409	0	5.6K	27K	2.7K	20K	33K	27K	5.6K	27K	2.7K	20K	NONE	15K
R7127-R7149	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	USED	USED
C7121-C7124	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	USED	USED

BLUE: SELULE568H
UMBER: TL YH156P

Ass'y No.

LVA10029-A2/A3/A5/A6	UX-V3/V5/V5R (B/E/EN/EV/EE/A)
LVA10029-B2/B3/B5/B6	UX-A1 (D) FS-V5 (J)
LVA10030-A2/A3/A5/A6	UX-V3/V5 (U/US/UT/UB/UX/UY/UF/UP)

VERSION CODES

J : U.S.A/CANAD
E : CONTINENTAL EUROPE
EN : NORDIC COUNTRIES
B : U.K.
EE : RUSSIA
EV : EAST EUROPEAN COUNTRIES
A : AUSTRARIA
UX : SAUDI ARABIA
US : SINGAPORE
UT : TAIWAN
UB : HONG KONG
UY : ARGENTINA
UF : CHINE
UP : KOREA
D : JAPAN
U : UNIVERSAL EXCEPT ALL OF ABOVES

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION --- CD STOP MODE

2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/10W ±5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

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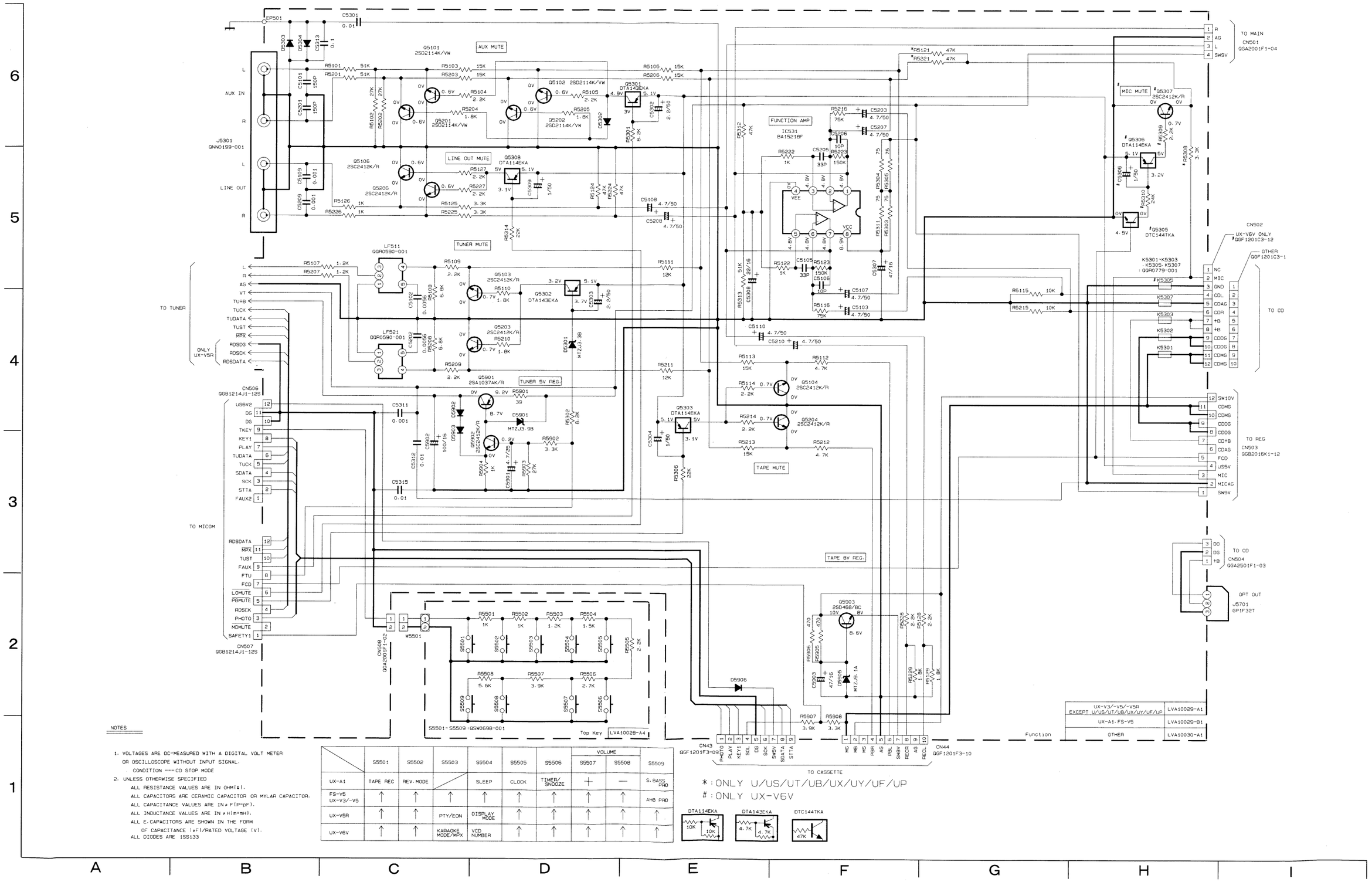
UX-V3/UX-V5
UX-V5R/FS-V5

■ Analog input Circuit for UX-V3/V5/V5R/FS-V5

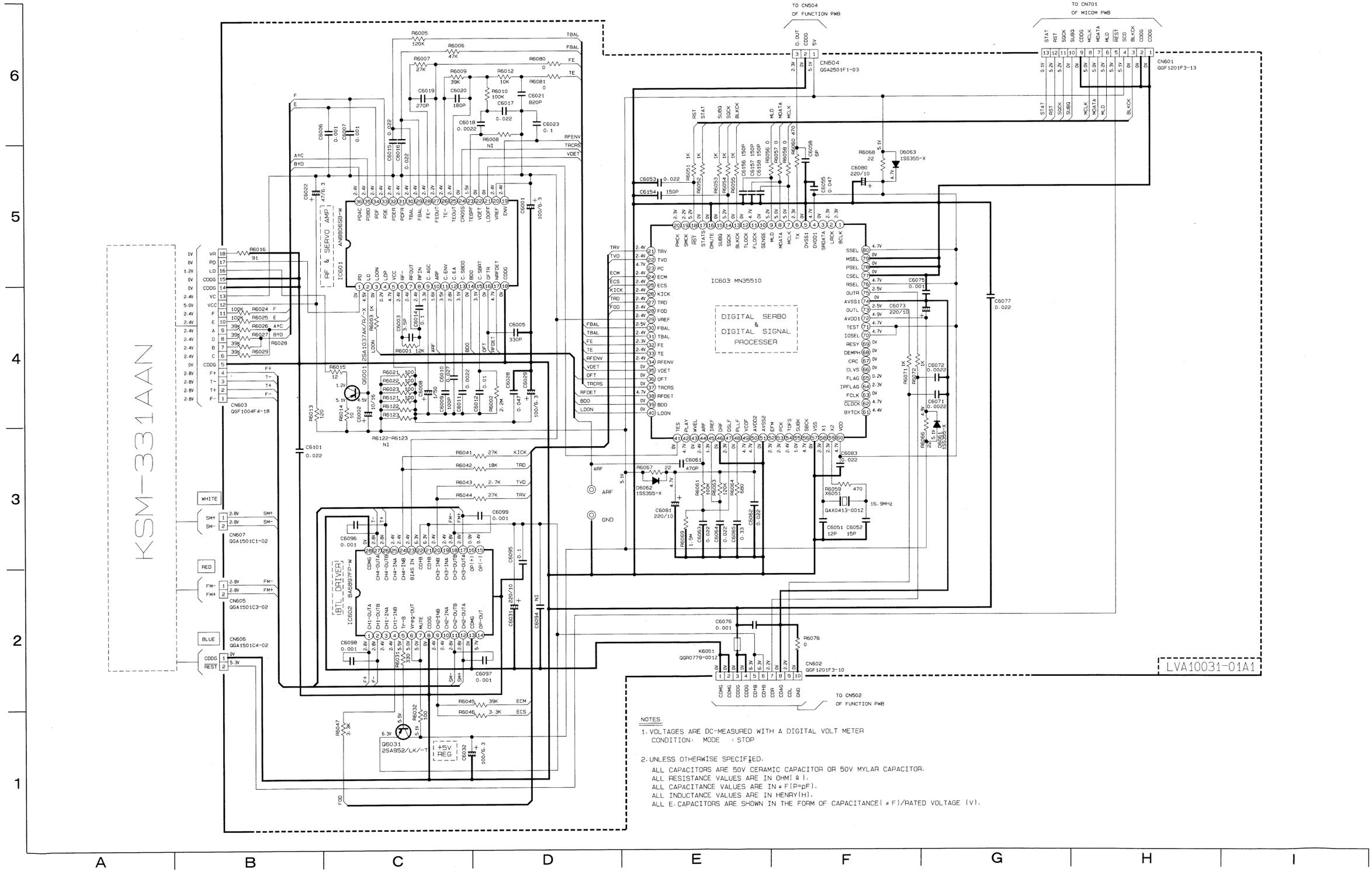


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION ---CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
   ALL DIODES ARE 1SS133

	S5501	S5502	S5503	S5504	S5505	S5506	VOLUME S5507	VOLUME S5508	S5509
UX-A1	TAPE REC	REV. MODE		SLEEP	CLOCK	TIMER/ SNOOZE	+	—	S. BASS PRO
FS-V5 UX-V3/-V5	↑	↑	↑	↑	↑	↑	↑	↑	AHB PRO
UX-V5R	↑	↑	PTY/EON	DISPLAY MODE	↑	↑	↑	↑	↑
UX-V6V	↑	↑	KARAOKE MODE/MPX	VCD NUMBER	↑	↑	↑	↑	↑

■ CD Servo Circuit



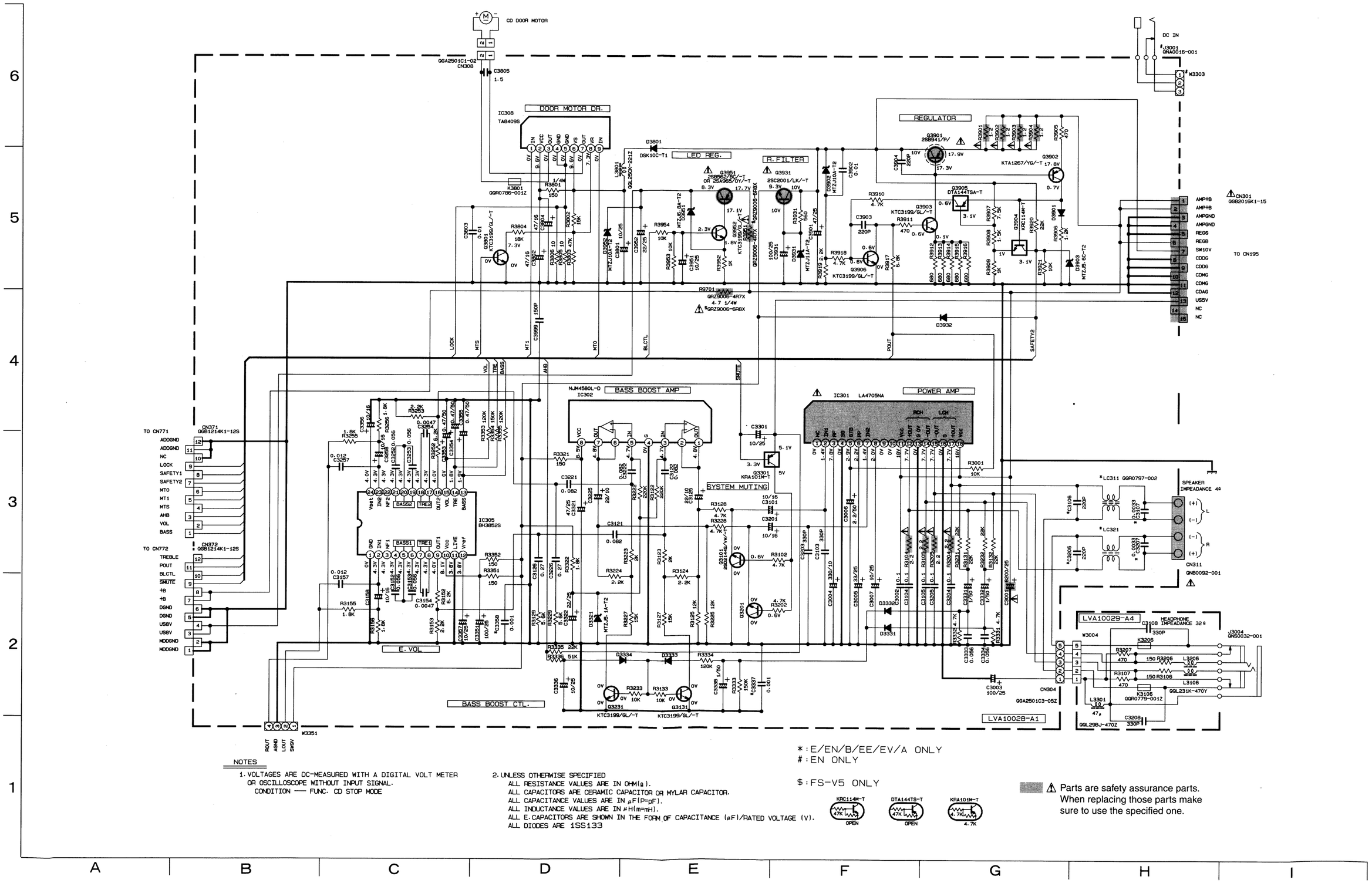
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
   CONDITION: MODE : STOP

2. UNLESS OTHERWISE SPECIFIED.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN HENRY(H).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

UX-V3/UX-V5
UX-V5R/FS-V5

■ Power Amplifier Circuit for UX-V3/V5/V5R/FS-V5



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION —— FUNC. CD STOP MODE

2. UNLESS OTHERWISE SPECIFIED
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
   ALL DIODES ARE 1SS133

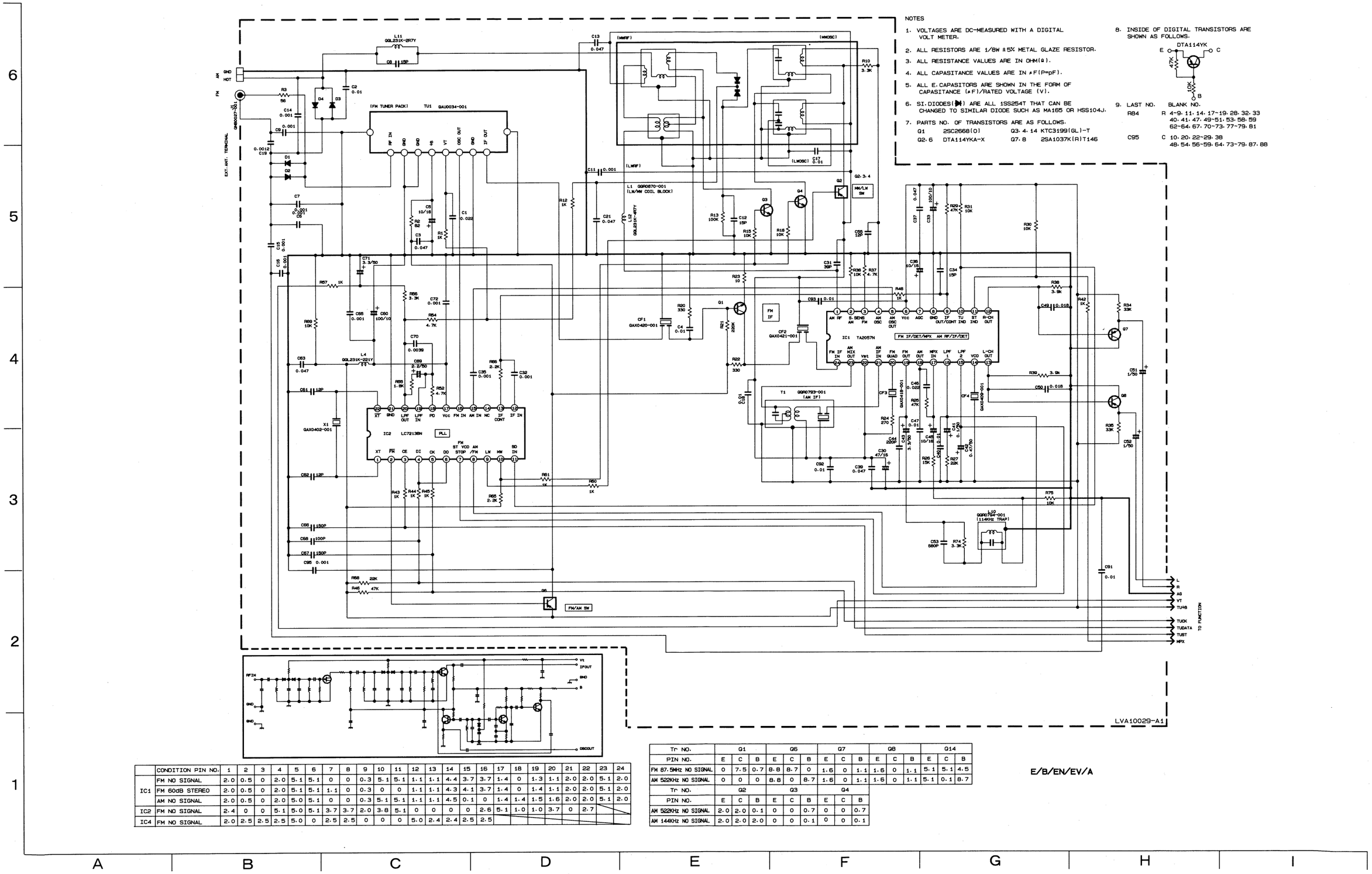
*: E/EN/B/EE/EV/A ONLY
#: EN ONLY

$: FS-V5 ONLY

KRC114M-T 47K OPEN
DTA144TS-T 47K OPEN
KRA101M-T 4.7K

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Tuner Circuit for UX-V3/V5/FS-V5



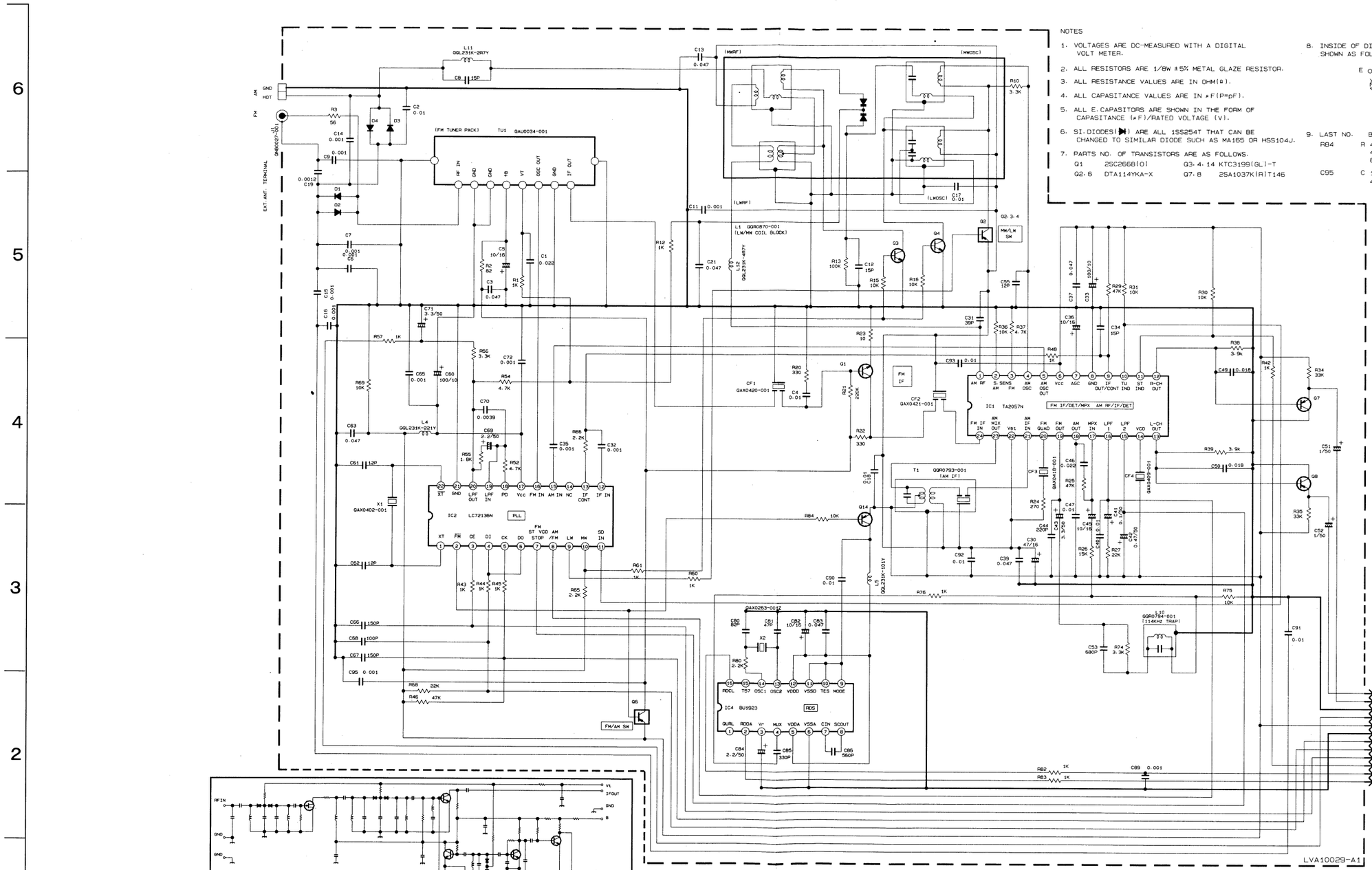
	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.1	5.1	1.1	0	0.3	0	0	1.1	1.1	4.3	4.1	3.7	1.4	0	1.4	1.1	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.0	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
IC2	FM NO SIGNAL	2.4	0	0	5.1	5.0	5.1	3.7	3.7	2.0	3.8	5.1	0	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7		
IC4	FM NO SIGNAL	2.0	2.5	2.5	2.5	5.0	0	2.5	2.5	0	0	0	5.0	2.4	2.4	2.5	2.5								

Tr NO.	Q1			Q6			Q7			Q8			Q14		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz NO SIGNAL	0	7.5	0.7	8.8	8.7	0	1.6	0	1.1	1.6	0	1.1	5.1	5.1	4.5
AM 522KHz NO SIGNAL	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1	5.1	0.1	8.7
Tr NO.	Q2			Q3			Q4								
PIN NO.	E	C	B	E	C	B	E	C	B						
AM 522KHz NO SIGNAL	2.0	2.0	0.1	0	0	0.7	0	0	0.7						
AM 144KHz NO SIGNAL	2.0	2.0	2.0	0	0	0.1	0	0	0.1						

E/B/EN/EV/A

UX-V3/UX-V5
UX-V5R/FS-V5

■ Tuner Circuit for UX-V5R



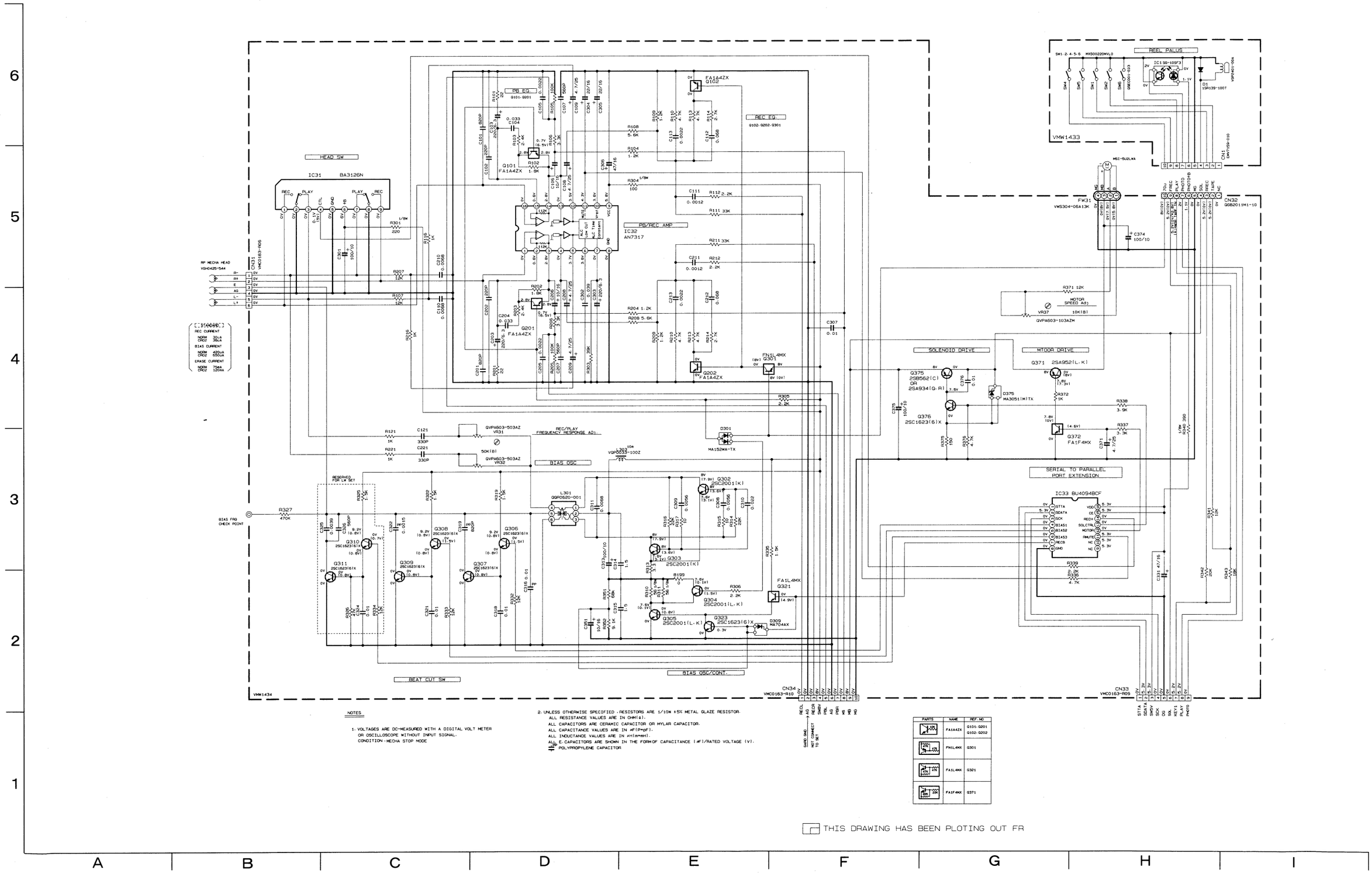
	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.1	5.1	1.1	0	0.3	0	0	1.1	1.1	4.3	4.1	3.7	1.4	0	1.4	1.1	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.0	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
IC2	FM NO SIGNAL	2.4	0	0	5.1	5.0	5.1	3.7	3.7	2.0	3.8	5.1	0	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7		
IC4	FM NO SIGNAL	2.0	2.5	2.5	2.5	5.0	0	2.5	2.5	0	0	0	5.0	2.4	2.4	2.5	2.5								

Tr NO.	Q1			Q6			Q7			Q8			Q14		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHZ NO SIGNAL	0	7.5	0.7	8.8	8.7	0	1.6	0	1.1	1.6	0	1.1	5.1	5.1	4.5
AM 522KHZ NO SIGNAL	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1	5.1	0.1	8.7

Tr NO.	Q2			Q3			Q4		
PIN NO.	E	C	B	E	C	B	E	C	B
AM 522KHZ NO SIGNAL	2.0	2.0	0.1	0	0	0.7	0	0	0.7
AM 144KHZ NO SIGNAL	2.0	2.0	2.0	0	0	0.1	0	0	0.1

E/B/EN/EV/A

■ Cassette Amplifier Circuit



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION : MECHA STOP MODE

2. UNLESS OTHERWISE SPECIFIED : RESISTORS ARE 1/10W ±5% METAL GLAZE RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN #F(Pmpf).
ALL INDUCTANCE VALUES ARE IN #H(m=mH).
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (#F)/RATED VOLTAGE (V).
PP POLYPROPYLENE CAPACITOR

PARTS	NAME	REF. NO
	FA1A4ZX	Q101-Q201 Q102-Q202
	FN1L4MX	Q301
	FA1L4MX	Q321
	FA1F4MX	Q371

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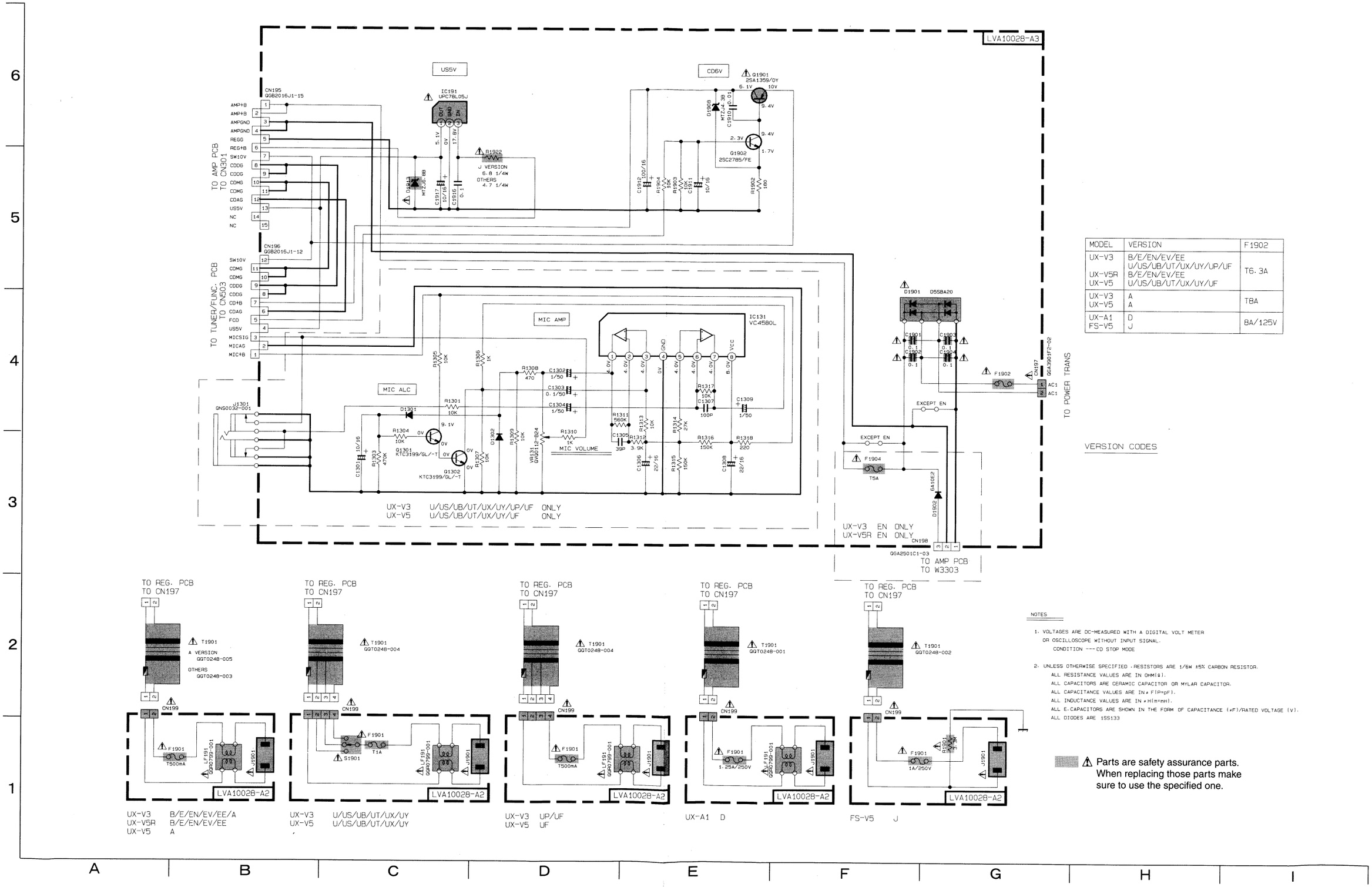
UX-V3/UX-V5
UX-V5R/FS-V5

■ Power Supply Circuit for UX-V3/V5/V5R



MODEL	VERSION	F1902
UX-V3 UX-V5R UX-V5	B/E/EN/EV/EE U/US/UB/UT/UX/UY/UP/UF B/E/EN/EV/EE U/US/UB/UT/UX/UY/UF	T6.3A
UX-V3 UX-V5	A A	T8A
UX-A1 FS-V5	D J	8A/125V

VERSION CODES

NOTES

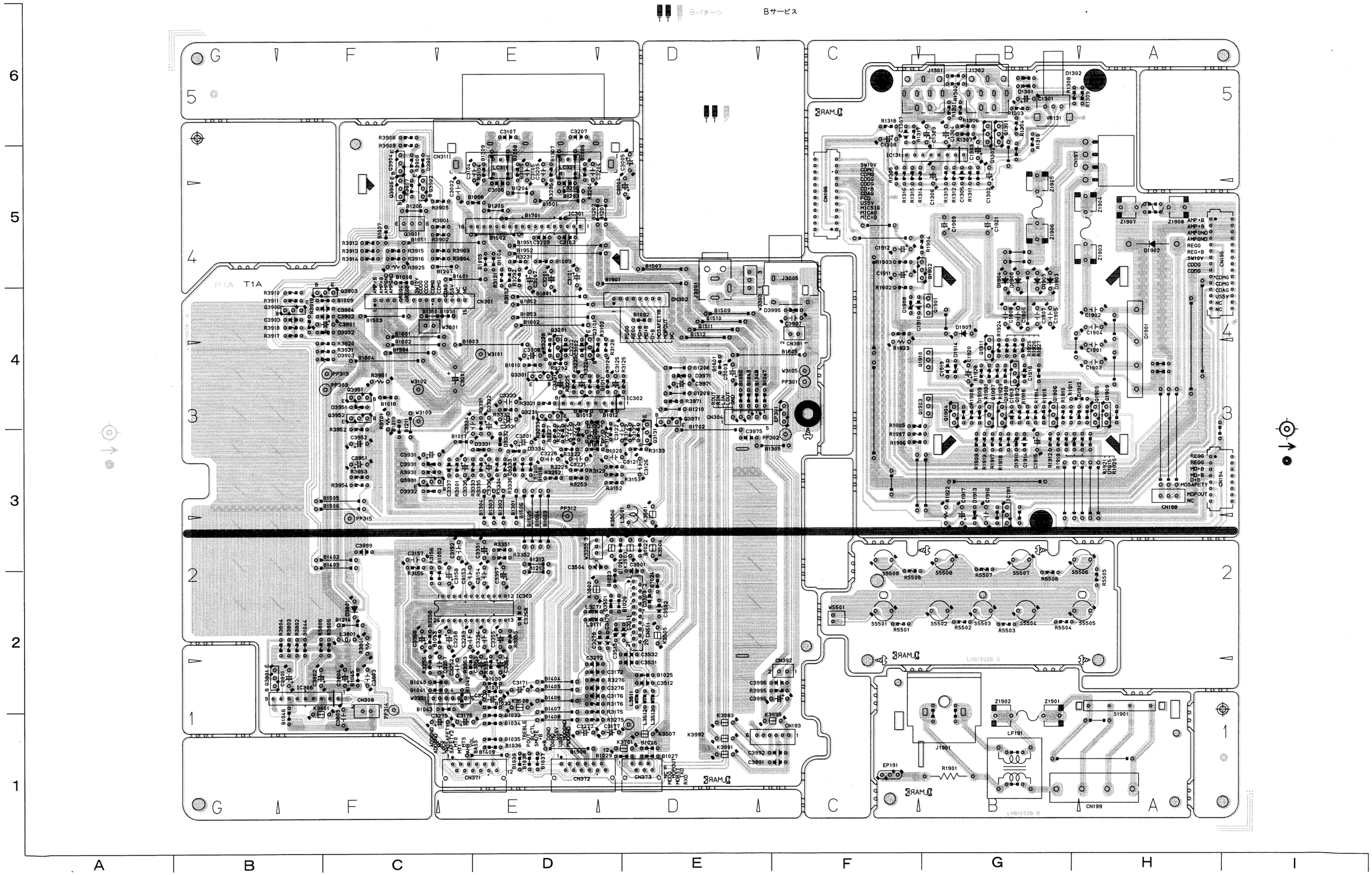
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION --- CD STOP MODE

2. UNLESS OTHERWISE SPECIFIED · RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
   ALL DIODES ARE 1SS133

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

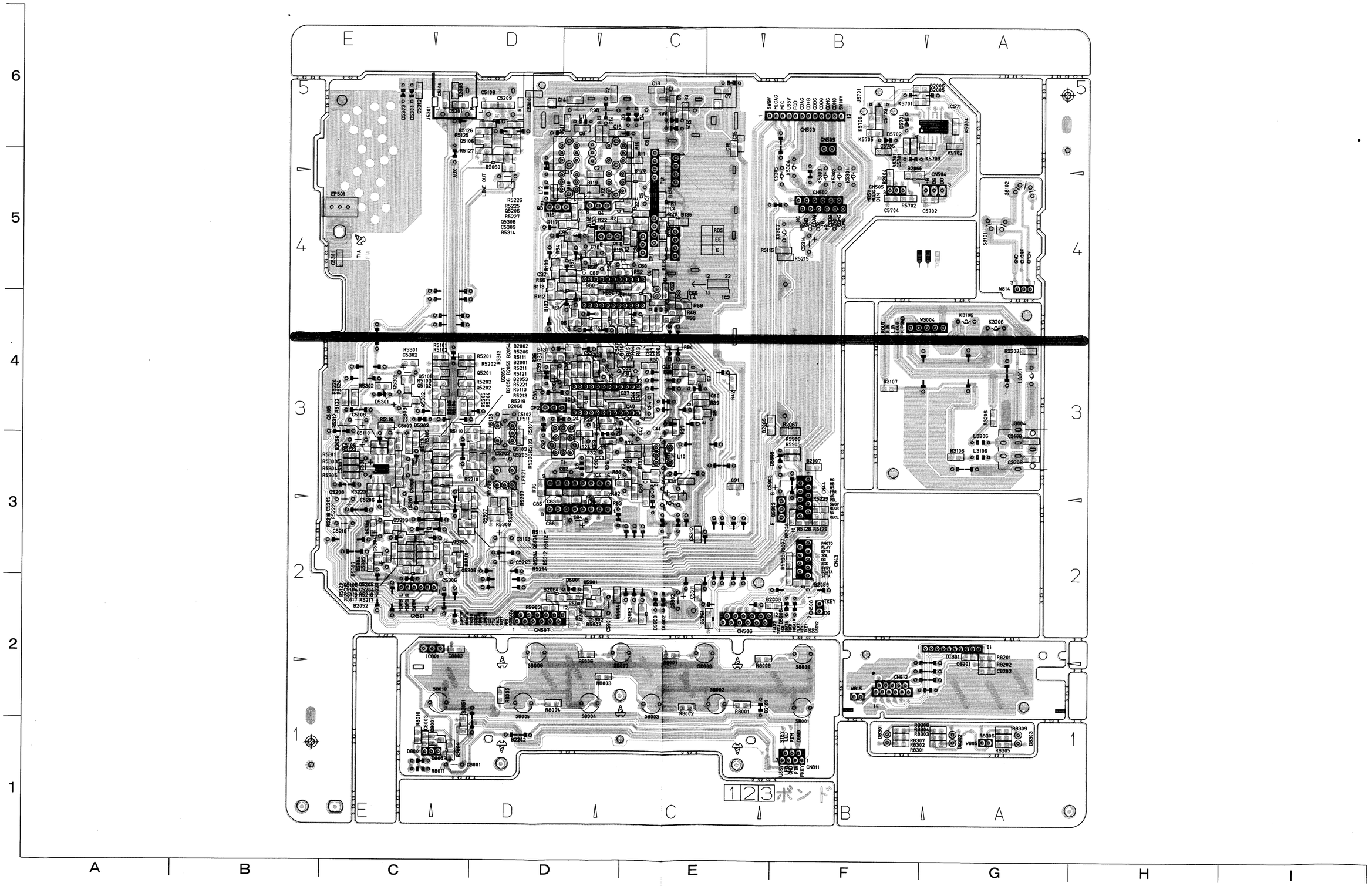
Printed Circuit Boards

■ Main Board

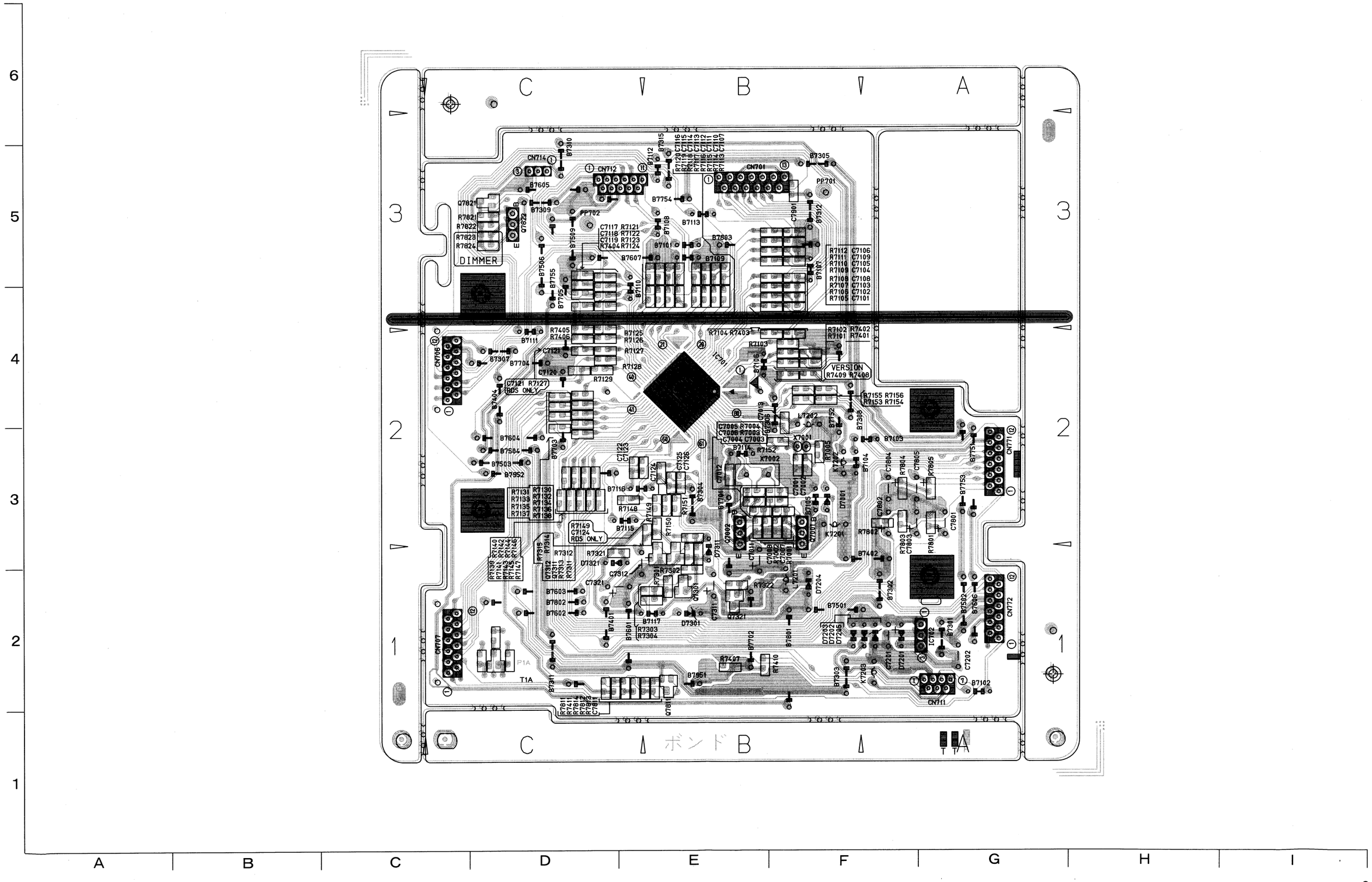


UX-V3/UX-V5
UX-V5R/FS-V5

■ Tuner P. W. B

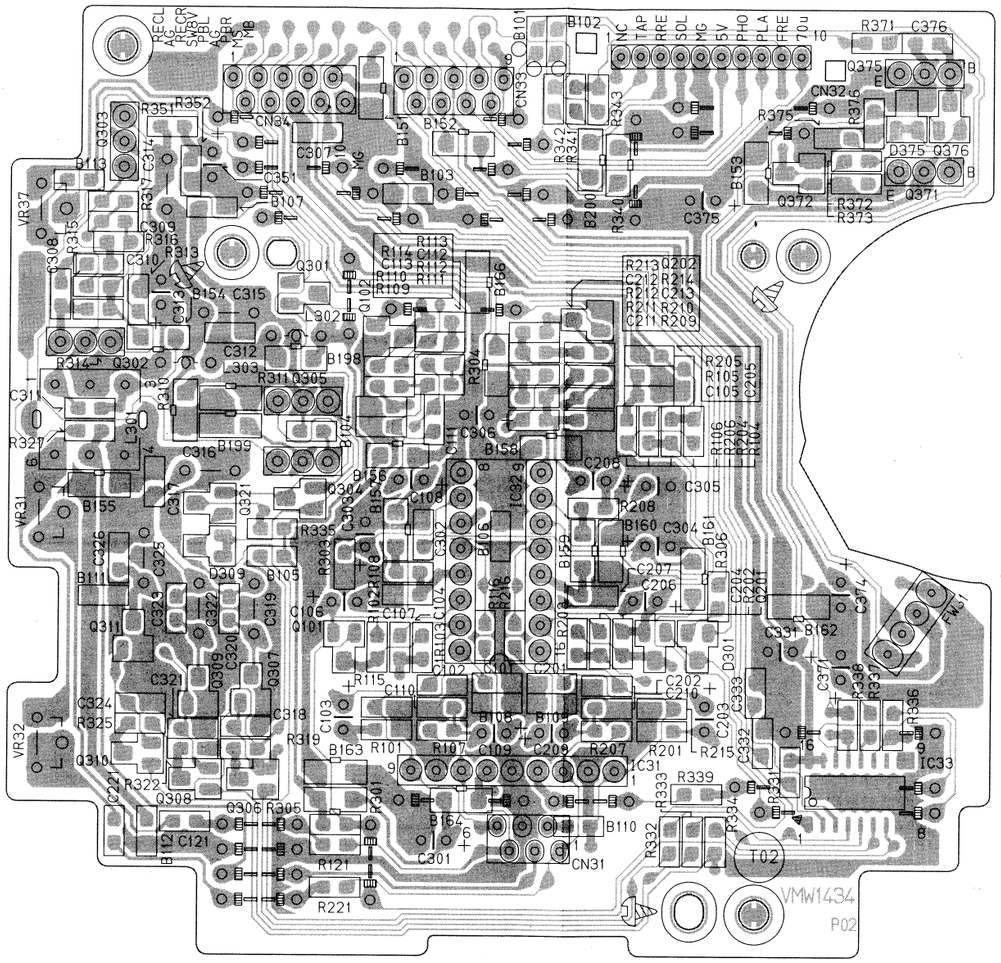


■ CD Servo P. W. B

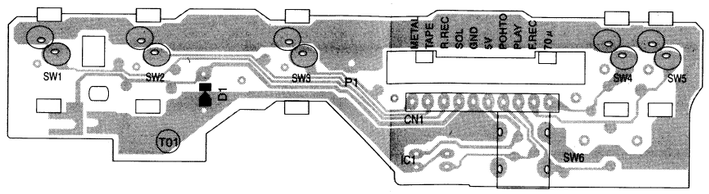


UX-V3/UX-V5
UX-V5R/FS-V5

■Head Amp. & Mechanism Control P. W. B



■Cassette Switch P. W. B



PARTS LIST

[UX-V5R
UX-V5
UX-V3]

* All printed circuit boards and its assemblies are not available as service parts.

UX-V5R

Areas Suffix

B ---------- U.K.
E ---------- Continental Europe
EN ---------- Northern Europe
EV ---------- Eastern Europe
EE --------- Russian Federation

UX-V3

Areas Suffix

A ---------- Australia
B ---------- U.K.
E ---------- Continental Europe
EN ---------- Northern Europe
EV ---------- Eastern Europe
EE --------- Russian Federation

UX-V5

Areas Suffix

A ---------- Australia

- Contents -

Exploded view of general assembly and parts List---------- 3-2
CD mechanism ass'y and parts list---------- 3-6
Cassette mechanism ass'y and partslList---------- 3-6
Electrical parts list ---------- 3-8
Packing materials and accessories parts list ---------- 3-29

■Parts List (General Assembly)

BLOCK NO. M1MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	1	LV10170-004A	FRONT PANEL	V5R V5	1		
		LV10170-001A	FRONT PANEL	V3	1		
	2	LV40735-001A	REMOTE LENS		1		
	3	LV20303-001A	FRONT BUTTON	V3	1		
		LV20303-004A	FRONT BUTTON	V5R V5	1		
	4	QYSBSF3008Z	SCREW		5		
	5	LV20305-001A	FRONT PLATE	V3	1		
		LV20305-003A	FRONT PLATE	V5R V5	1		
	6	QYSBSF3008Z	SCREW		1		
	7	E65923-003	TAPPING SCREW		1		
	8	LV40954-001A	FOOT		2		
	9	QYSBSF3008Z	SCREW	CHASSIS+PWB BKT	4		
	10	LV30064-042A	SPACER		1		
	11	QYSBST3006Z	TH TAP SCREW	PWB BKT+PWB	4		
	12	LV20306-003A	CD DOOR	V5R	1		
		LV20306-001A	CD DOOR	V3	1		
		LV20306-002A	CD DOOR	V5	1		
	13	LV41105-001A	BLIND		1		
	14	PQ42376-001	JVC MARK		1		
	15	LV40743-002A	LCD LENS	V5R V5	1		
		LV40743-001A	LCD LENS	V3	1		
	16	LV30860-001A	LCD HOLDER		1		
	17	LV30064-043A	SPACER		1		
	18	LV40737-001A	LENS	LCD BACKLIGHT	1		
	19	LV40739-001A	SHEET		1		
	20	LV20307-001A	DOOR COVER		1		
	21	LV20308-001A	CD DOOR LENS	V3	1		
		LV20308-002A	CD DOOR LENS	V5R V5	1		
	22	QYSDSF2008M	SCREW	DOOR+COVER	3		
	23	LV40744-001A	SOCKET BOLT	DOOR+LENS	2		
	24	LV30858-001A	PWB BRACKET(L)	FOR MAICOM PWB	1		
	25	LV30859-001A	PWB BRACKET(R)	FOR MAICOM PWB	1		
	26	LV41002-001A	SHAFT	DOOR+CASE	1		
	27	LV41003-001A	DOOR SUPPORTER		1		
	28	QYSBSF3008Z	SCREW	F.PANEL+CD UNIT	2		
	29	LV10173-001A	BOTTOM CHASSIS		1		
	30	VKZ4001-016	WIRE HOLDER		1		
	31	QYSBST4006Z	SCREW	B.CHASI+TRANS	4		
	32	QZW0004-001	WIRE CLAMP		1		
	33	LV30861-002A	JACK HOLDER		1		
	34	QYSBST3006Z	TH TAP SCREW	J.HOL.+BTM.CHAS	1		
	35	----------	CASSETTE MECHA		1		
	36	VKL7850-203	EJECT SAFTY(R)		1		
	37	VKW5258-002	TORSION SPRING		1		
	38	VYH3965-001	SIDE BRACKET(R)		1		
	39	QYSDST3008Z	SCREW	MECHA+S.BKT.	1		
	40	VYH8146-012	EJECT ARM(R)		1		
	41	VKW3006-230	TORSION SPRING		1		
	42	VKZ4341-004	SPECIAL SCREW	E.ARM+S.BKT.	1		
	43	LV31009-001A	HEAD SHIELD		1		
	44	QYSBSF2606Z	SCREW		2		
	45	LV10174-002A	TOP COVER(TD)	V3	1		
		LV10174-006A	TOP COVER(TD)	V5R	1		
		LV10174-005A	TOP COVER(TD)	V5	1		
	46	LV20311-002A	CASSETTE DOOR	V5R V5	1		

BLOCK NO. M1MM

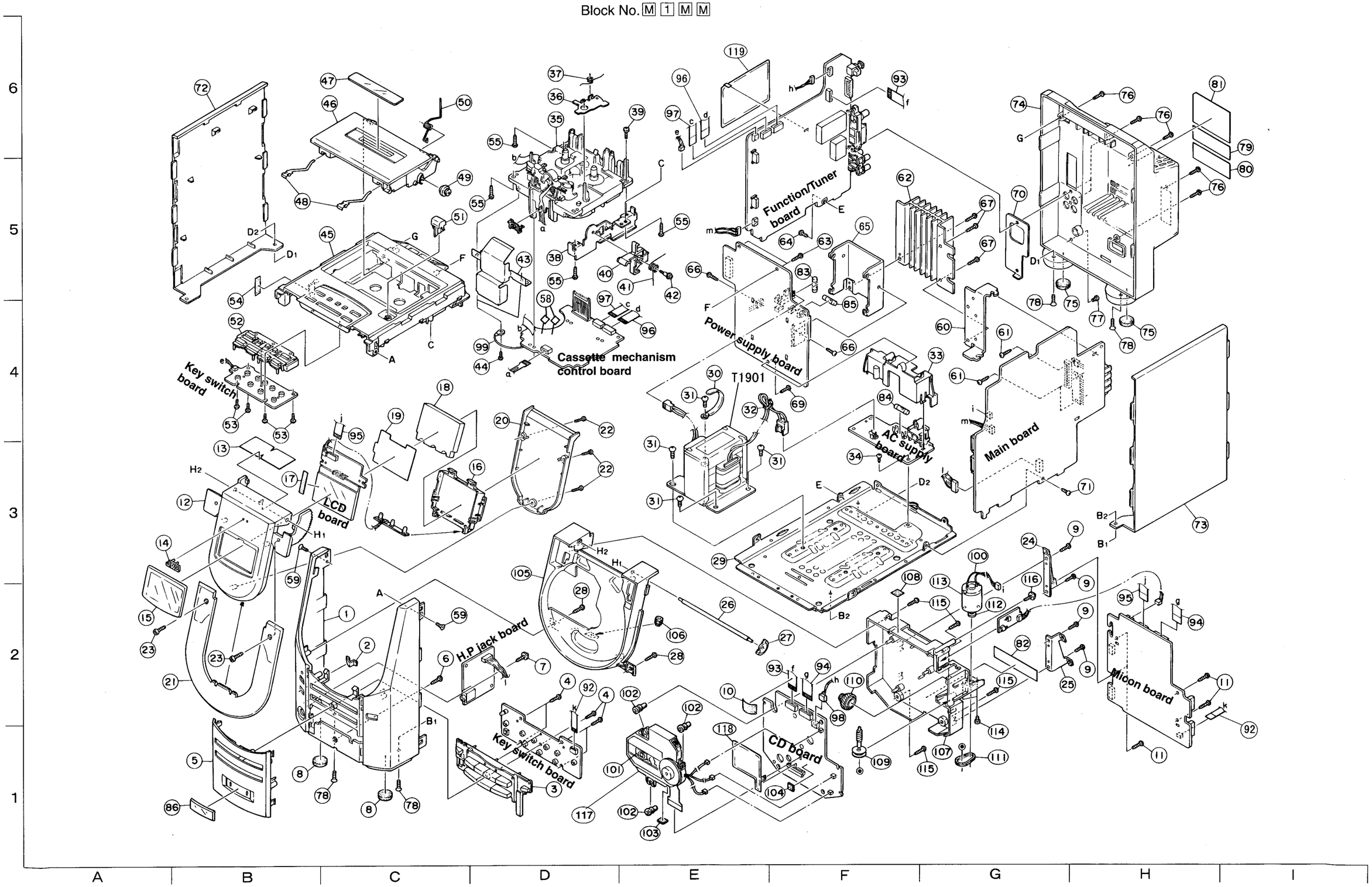
⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
		LV20311-001A	CASSETTE DOOR	V3	1		
	47	LV40851-002A	CASS.DOOR LENS	V5R V5	1		
		LV40851-001A	CASS.DOOR LENS	V3	1		
	48	VKY4180-001	CASSETTE SPRING		2		
	49	VYH7366-001MM	GEAR		1		
	50	VKW5277-001	DOOR SPRING (R)		1		
	51	LV40745-001A	EJECT KNOB	V3	1		
		LV40745-002A	EJECT KNOB	V5R V5	1		
	52	LV30863-003A	TOP BUTTON	V5	1		
		LV30863-001A	TOP BUTTON	V3	1		
		LV30863-004A	TOP BUTTON	V5R	1		
	53	QYSBSF3008Z	SCREW	T.PANEL+T.BUTTO	4		
	54	VYSA1R4-056	SPACER		1		
	55	QYSBSF3012Z	SCREW		4		
	58	PU59915-105	SPACER	V5R/E EN EV B	1		
		PU59915-105	SPACER	V3/E EN EV B A	1		
		PU59915-105	SPACER	V5/A	1		
	59	QYSSSF3008Z	SCREW	T.PANEL+F.PANEL	2		
	60	LV30864-001A	IC HOLDER		1		
	61	QYSBSF3010Z	SCREW	IC+IC HOLDER	3		
	62	LV30865-001A	HEAT SINK 1		1		
	63	QYSBSF3010Z	SCREW	IC HOL.+H.SINK1	2		
	64	QYSBST3006Z	TH TAP SCREW	B.CHASI+AMP PWB	1		
	65	LV30866-001A	HEAT SINK 2		1		
	66	QYSBSF3010Z	SCREW	IC+HEAT SINK 2	2		
	67	QYSBSF3010Z	SCREW		3		
	69	QYSBSF3010Z	SCREW		1		
	70	LV40746-001A	EARTH PLATE		1		
	71	QYSBST3006Z	TH TAP SCREW	B.CHASI+TU/FUN	1		
	72	LV10176-002A	SIDE PANEL(L)	V5R V5	1		
		LV10176-001A	SIDE PANEL(L)	V3	1		
	73	LV10177-001A	SIDE PANEL(R)	V3	1		
		LV10177-002A	SIDE PANEL(R)	V5R V5	1		
	74	LV10178-006A	REAR PANEL	V3	1		
		LV10178-002A	REAR PANEL	V5R EN	1		
		LV10178-001A	REAR PANEL	V5R V5	1		
		LV10178-007A	REAR PANEL	V3 EN	1		
	75	LV40954-001A	FOOT		2		
	76	QYSBSF3010N	TAP SCREW	R.PANEL+JACK	6		
	77	QYSBST3006N	T.SCREW		1		
	78	QYSSST3010Z	SCREW	BTM.+SIDE+PANEL	4		
	79	LV30920-003A	NAME PLATE	V5R EE	1		
		LV30920-004A	NAME PLATE	V5R EN	1		
		LV30913-001A	NAME PLATE	V3 E	1		
		LV30913-004A	NAME PLATE	V3 EE	1		
		LV30920-001A	NAME PLATE	V5R E	1		
		LV30913-003A	NAME PLATE	V3 EV	1		
		LV30920-002A	NAME PLATE	V5R EV	1		
		LV30919-003A	NAME PLATE	V5 A	1		
		LV30913-013A	NAME PLATE	V3 EN	1		
		LV30913-005A	NAME PLATE	V3 A	1		
	80	VND4118-004	CAUTION LABEL		1		
	81	E70891-001	CLASS 1 LABEL		1		
	82	LV40231-001A	CAUTION LABEL	FOR CD	1		

BLOCK NO. M1MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
⚠	83	QMF51E2-6R3-J1	FUSE (F1902)	B/E/EE/EN/EV	1		
⚠		QMFZ031-8R1-J1	FUSE (F1902)	V5/A V3/A	1		
⚠	84	QMF51E2-R50	FUSE (F1901)		1		
⚠	85	QMF51E2-5R0-J1	FUSE (F1904)	V5R/V3 EN ONLY	1		
	86	LV40736-003A	BADGE	V5R	1		
		LV40736-001A	BADGE	V3	1		
		LV40736-002A	BADGE	V5	1		
	92	QUQ810-0712AJ	FFC WIRE		1		
	93	QUQB12-1026CJ	FFC WIRE	CD - FUNC	1		
	94	QUQB12-1306CJ	CARD WIRE	CD - MICOM	1		
	95	QUQ810-1109AJ	FFC WIRE	LCD - MICOM	1		
	96	QUQB12-1024CJ	FFC WIRE	SLC - FUNC	1		
	97	QUQB12-0924CJ	FFC WIRE	SLC - FUNC	1		
	98	QJN004-033001	WIRE		1		
	100	WJM0079-001A	WIRE		1		
	101	VYH8064-001	WEIGHT		1		
	102	LV40770-002A	INSULATOR		3		
	103	LV30064-038A	SPACER		1		
	104	LV30064-045A	SPACER		1		
	105	LV10171-002A	CD CASE	V5R V5	1		
		LV10171-001A	CD CASE	V3	1		
	106	E75609-002	INSULATOR	FOR CD CASE	1		
	107	LV10172-001A	CD CHASSIS		1		
	108	LV30064-044A	SPACER		1		
	109	LV40738-001A	GEAR1		1		
	110	LV40740-002A	GEAR 2		1		
	111	VKB3000-183	BELT		1		
	112	VYH7699-001SS	PULLEY		1		
	113	QAR0100-001	DC MOTOR		1		
	114	QYSPSP3004Z	SCREW	CHASSIS+MOTOR	2		
	115	QYSBSF3010Z	SCREW	CHASSIS+CASE	4		
	116	E65923-003	TAPPING SCREW	CHASI+O/C SW.PW	1		
	117	----------	CD MECHA		1		
	118	LV40987-001A	SHIELD PLATE		1		
	119	LV40988-001A	TUNER SHIELD		1		
⚠	T1901	QQT0248-003	POWER TRANS	B.E.EE.EN.EV	1		
⚠		QQT0248-005	POWER TRANS	V5/A V3/A	1		

Exploded View of General Assembly and Parts List

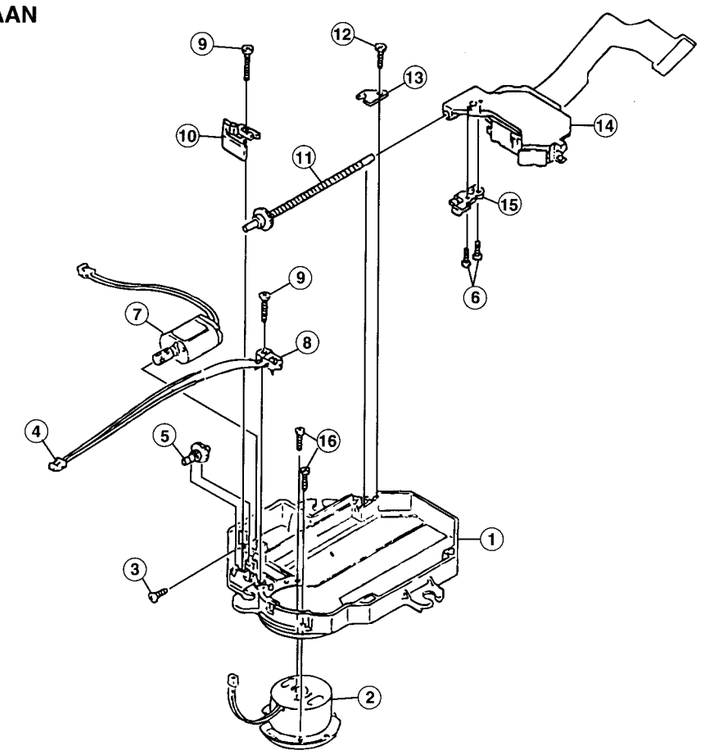
Block No. M 1 M M



CD Mechanism Assembly and Parts List

Block No. M 2 M M

KSM-33AAN



■CD Mechanism Assembly Parts List

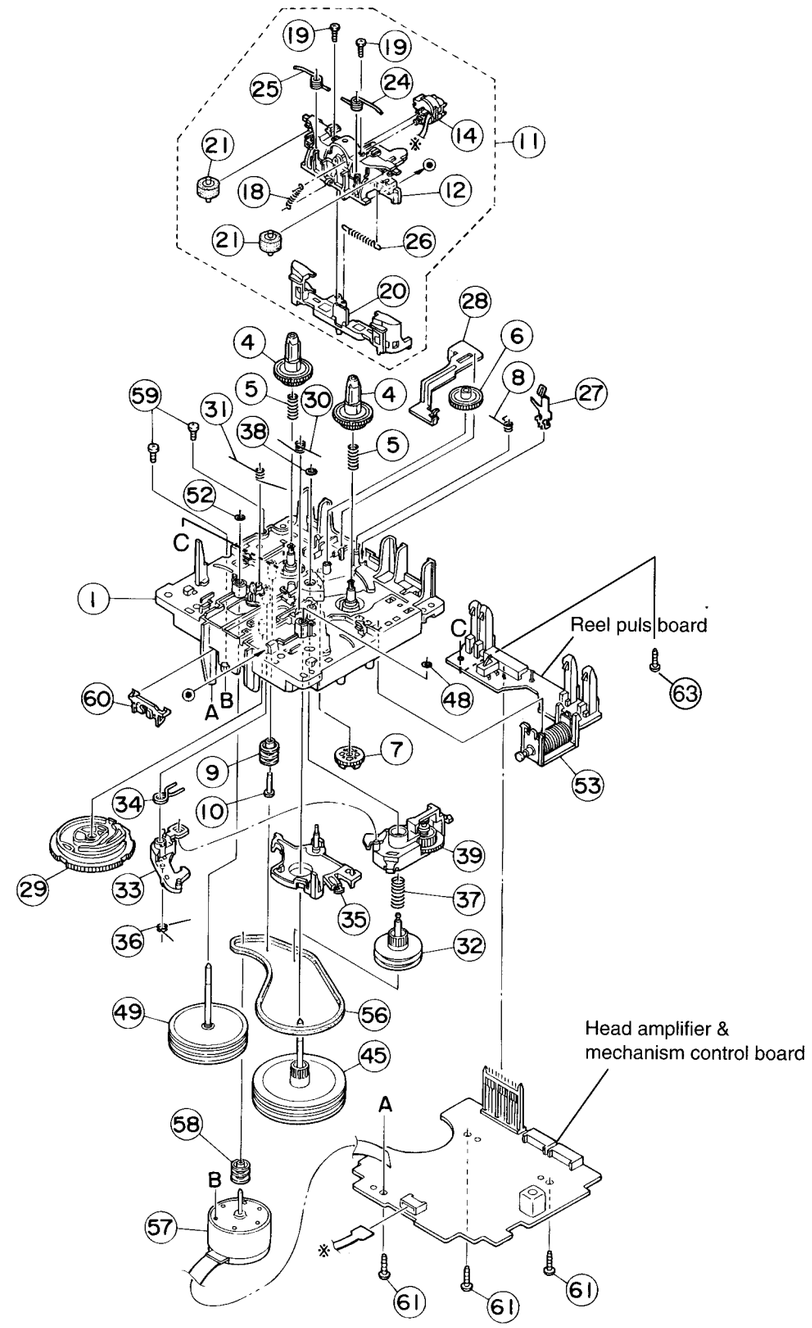
⚠	Item	Parts Number	Parts Name	Q'ty	Description	Area
	1	2-625-415-05	CHASSIS	1		
	2	X-2625-485-1SA	MOTOR ASS'Y	1		
	3	3-732-988-01	SCREW	1		
	4	1-948-418-21	HARNESS	1		
	5	2-625-410-01	GEAR(B)	1		
	6	7-627-852-17	SCREW	2	FOR RACK	
	7	X-2625-171-2	FEED MOTOR ASS'Y	1		
	8	1-570-771-11	SWITCH	1		
	9	2-625-623-11	SCREW	2	FOR SWITCH	
	10	2-625-412-02	LEAF SPRING	1		
	11	X-2625-483-1	SHAFT GEAR	1		
	12	2-625-623-01	SCREW	1	SHAFT GEAR	
	13	2-625-411-01	GEAR GUIDE	1		
	14	8-848-289-31SA	OPTICAL PICK UP	1		
	15	2-625-414-02	RACK	1		
	16	7-627-852-18	SCREW	2	FOR MOTOR	

UX-V3/UX-V5
UX-V5R/FS-V5

Cassette Mechanism Assembly and Parts List

Block No. M 3 M M

SLC-S1YPM



■ Parts List (Cassette Mechanism)

BLOCK NO. M3MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	1	VKS1165-00G	CHASSIS B.ASS'Y		1		
	4	VKS2274-002	REEL GEAR		2		
	5	VKW5286-002	B.T. SPRING		2		
	6	VKS5559-001	PLAY IDLE GEAR		1		
	7	VKS5597-00A	FR GEAR ASS'Y		1		
	8	VKW5296-001	EARTH SPRING		1		
	9	VKR4749-002	IDLE PULLEY		1		
	10	VKH5786-002	SHAFT		1		
	11	VKS2275-00C	HEAD MOUNT ASSY		1		
	12	VKS1167-001	HEAD MOUNT BASE		1		
	14	VGH0425-544	R/P&E HEAD	VKS2275-00B	1		
	18	VKW5302-001	HEAD SPRING		1		
	19	VKZ4730-001	SPECIAL SCREW		2		
	20	VKS2277-005	DIRECTION LEVER		1		
	21	VKP4233-00A	PINCH ROL. ASSY		2		
	24	VKW5299-002	PIN ROL.SP.(R)		1		
	25	VKW5300-002	PIN ROL.SP.(L)		1		
	26	VKW5285-001	RETURN SPRING		1		
	27	VKY3149-002	CASSETTE SP.		1		
	28	VKM3906-002	PLAY SW LEVER		1		
	29	VKS1166-003	CONTROL CAM		1		
	30	VKW5279-001	HEAD BASE SP(R)		1		
	31	VKW5280-001	HEAD BASE SP(L)		1		
	32	VKS5603-00D	MAIN PULLEY ASY		1		
	33	VKS3785-001MM	FR ARM		1		
	34	VKW5284-002	SWING SPRING		1		
	35	VKS2278-003	TRIGGER ARM		1		
	36	VKW5301-001	FR SPRING		1		
	37	VKW5266-001	ELEVATOR SPRING		1		
	38	WDL214025	WASHER		1		
	39	VKS3786-00G	CLUTCH ASS'Y		1		
	45	VKF3205-00B	F.WHEEL ASSY(R)		1		
	48	WDL183425	SLIT WASHER		1		
	49	VKF3207-00B	F.WHEEL ASSY(L)		1		
	52	WDL173525-6	SLIT WASHER		1		
	53	VKZ3174-00A	DC SOLENOID		1		
	56	VKB3000-181	CAPSTAN BELT		1		
	57	MSI-5U2LWA	D.C.MOTOR ASS'Y		1		
	58	VKR4761-001	MOTOR PULLEY		1		
	59	QYSPSP2604Z	SCREW		2		
	60	VKS5577-001	FPC HOLDER		1		
	61	QYSBSF2608Z	T.SCREW	FOR P.W.B.	3		
	63	QYSBSF2006Z	SCREW		1		

Electrical Parts List

■Main Board (UX-V5/UX-V5R)

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN195	QGB2016J1-15	CONNECTOR		
	CN196	VMC00289-S12	CONNECTOR		
⚠	CN197	VMZ0076-002	CONNECTOR		
	CN198	QGA2501C3-03Z	CONNECTOR	V5R/EN ONLY	
⚠	CN199	QGA7901C1-02	CONNECTOR		
⚠	CN301	QGB2016K1-15	B TO B CONNE	POWER PWB	
	CN304	QGA2501C3-05Z	CONNECTOR		
	CN308	EMV5111-002	2P CONNECTOR	CD DOOR	
⚠	CN311	QNB0092-001	SPK TERMINAL	SPEAKER	
	CN371	QGB1214K1-12S	CONNECTOR	MICOM TOP	
	CN372	QGB1214K1-12S	CONNECTOR	MICOM BOT	
⚠	C1901	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1902	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1903	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1904	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1910	QDYB1CM-103Y	ABCAPACITOR		
	C1911	QTE1C03-106Z	E CAPACITOR		
	C1912	QTE1E06-476Z	E CAPACITOR		
	C1916	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1917	QETC1CM-106Z-JB	E CAPACITOR	10MF 20% 16V	
⚠	C3001	QETM1EM-828	E CAPACITOR	8200MF 20% 25V	
	C3002	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C3003	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3004	QTE1A28-337Z	E.CAPACITOR		
	C3005	QETC1EM-336Z-JB	E CAPACITOR	33MF 20% 25V	
	C3006	QETC1HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C3007	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3101	QTE1C03-106Z	E CAPACITOR		
	C3103	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3104	QDX31EM-104Z	C CAPACITOR		
	C3105	QDX31EM-104Z	C CAPACITOR		
	C3106	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3107	QDXB1CM-332Y	C CAPACITOR		
	C3121	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3122	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3125	QTE1A03-226Z	E CAPACITOR		
	C3126	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3152	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3153	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3154	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	
	C3157	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3158	QTE1C03-106Z	E CAPACITOR		
	C3201	QTE1C03-106Z	E CAPACITOR		
	C3203	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3204	QDX31EM-104Z	C CAPACITOR		
	C3205	QDX31EM-104Z	C CAPACITOR		
	C3206	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3207	QDXB1CM-332Y	C CAPACITOR		
	C3221	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3222	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3225	QTE1A03-226Z	E CAPACITOR		
	C3226	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3252	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3253	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3254	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C3257	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3258	QTE1C03-106Z	E CAPACITOR		
	C3301	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3321	QETC1EM-476Z-JB	E CAPACITOR	47MF 20% 25V	
	C3331	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3332	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3333	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3334	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3335	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3336	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3337	QDGB1HK-102Y	C CAPACITOR		
	C3351	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3353	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3354	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3355	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3356	QTE1C28-106Z	E.CAPA. I.M		
	C3357	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3358	QDGB1HK-102Y	C CAPACITOR	TAISA	
	C3801	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3802	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3803	QFV41HJ-103	TF CAPACITOR	.010MF 5% 50V	
	C3804	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3805	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C3901	QETC1EM-476Z-JB	E CAPACITOR	47MF 20% 25V	
	C3902	QDYB1CM-103Y	ABCAPACITOR		
	C3903	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3904	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3931	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3951	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3952	QER61EM-226Z	E.CAPA. I.M	22MF 20% 25V	
	C3999	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
⚠	D1901	D5SBA20-S1	SI DIODE	ANALOG	
	D1902	6A10E2	SI DIODE	V5R/EN ONLY	
	D1908	MTZJ4.3B-T2	ZENER DIODE	CD6V	
⚠	D1913	MTZJ6.8B-T2	DIODE	US5V	
	D3321	MTZJ5.1A-T2	ZENER DIODE		
	D3331	1SS133-T2	DIODE		
	D3332	1SS133-T2	DIODE		
	D3333	1SS133-T2	DIODE		
	D3334	1SS133-T2	DIODE		
	D3801	DSK10C-T1	DIODE		
	D3901	1SS133-T2	DIODE		
	D3902	MTZJ10A-T2	ZENER DIODE		
	D3903	MTZJ5.6C-T2	ZENER DIODE		
	D3931	MTZJ11A-T2	Z.DIODE I.M		
	D3932	1SS133-T2	DIODE		
	D3951	MTZJ6.8A-T2	ZENER DIODE		
	D3952	MTZJ10A-T2	ZENER DIODE		
	EP301	QNZ0136-001Z	EARTH PLATE		
	IC191	UPC78L05J-T	IC	US5V	
⚠	IC301	LA4705NA	IC	POWER AMP	
	IC302	NJM4580L-D	IC	AHB AMP	
	IC305	BH3852S	IC	E VOL	
	IC308	TA8409S	IC		
⚠	J1901	QNC0006-001	AC SOCKET		

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	J3001	QNA0016-001	DC JACK	V5R/EN ONLY	
	K3801	QQR0779-001Z	INDUCTOR		
	LC311	QQR0797-002	INDUCTOR	FTZ	
	LC321	QQR0797-002	INDUCTOR	FTZ	
⚠	LF191	QQR0799-001	INDUCTOR		
	L3801	QQL25CK-221Z	INDUCTOR		
⚠	Q1901	2SA1359/OY/	TRANSISTOR	CD6V	
	Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V	
	Q3101	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3131	KTC3199/GL/-T	TR I/M	V5A	
	Q3131	2SC2785/FE/-T	TR I/M	V5R/EE	
	Q3131	KTC3199/GL/-T	TR I/M	V5R/E EN EV B	
	Q3201	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3231	2SC2785/FE/-T	TR I/M	V5R/EE	
	Q3231	KTC3199/GL/-T	TR I/M	V5A	
	Q3231	KTC3199/GL/-T	TR I/M	V5R/E EN EV B	
	Q3301	KRA101M-T	TR I/M		
	Q3801	KTC3199/GL/-T	TR I/M	V5R/E EN EV B	
	Q3801	KTC3199/GL/-T	TR I/M	V5/A	
	Q3801	2SC2785/FE/-T	TR I/M	V5R/EE	
⚠	Q3901	2SB941/P/	TRANSISTOR		
	Q3902	KTA1267/YG/-T	TRANSISTOR	V5R/E EN EV B	
	Q3902	2SA1175/HFE/-T	TRANSISTOR	V5R/EE	
	Q3902	KTA1267/YG/-T	TRANSISTOR	V5/A	
	Q3903	KTC3199/GL/-T	TR I/M	V5/A	
	Q3903	2SC2785/FE/-T	TR I/M	V5R/EE	
	Q3903	KTC3199/GL/-T	TR I/M	V5R/E EN EV B	
	Q3904	KRC114M-T	TR I.M		
	Q3905	DTA144TSA-T	D.TRANSISTOR		
	Q3906	KTC3199/GL/-T	TR I/M	V5R/E EN EV B	
	Q3906	2SC2785/FE/-T	TR I/M	V5R/EE	
	Q3906	KTC3199/GL/-T	TR I/M	V5/A	
⚠	Q3931	2SC2001/LK/-T	TRANSISTOR		
⚠	Q3951	2SB562/BC/-T	TRANSISTOR		
	Q3952	2SC2785/FE/-T	TR I/M	V5R/EE	
	Q3952	KTC3199/GL/-T	TR I/M		
	R1902	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R1903	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1904	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R1922	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R3001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3102	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3104	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3105	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
	R3122	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3123	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3124	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3125	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3127	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3128	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3129	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3131	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3132	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3133	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3152	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R3153	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3155	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3156	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3202	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3204	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3205	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
	R3222	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3223	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3224	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3225	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3227	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3228	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3229	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3231	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3232	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3233	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3252	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3253	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3255	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3256	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3321	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3322	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3331	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3332	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3333	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3334	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3335	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3336	QRE141J-513Y	C RESISTOR	51K 5% 1/4W	
	R3351	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3352	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3353	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3354	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3355	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3801	QRJ146J-151X	C RESISTOR	150 5% 1/4W	
	R3802	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3803	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R3804	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R3805	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R3806	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
⚠	R3901	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3902	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3903	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3904	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
	R3905	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3906	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R3907	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R3908	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R3909	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3910	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3911	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3912	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3913	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3914	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3915	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3916	QRE141J-681Y	C RESISTOR	680 5% 1/4W	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R3917	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R3918	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3919	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3920	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3921	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3931	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
⚠	R3951	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R3952	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3953	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3954	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5501	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5502	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5503	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R5504	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R5505	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5506	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R5507	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R5508	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
⚠	R9701	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	S5501	QSW0698-001Z	TACT SWITCH	REC	
	S5502	QSW0698-001Z	TACT SWITCH	REV.MODE	
	S5503	QSW0698-001Z	TACT SWITCH	PTY/EON	
	S5504	QSW0698-001Z	TACT SWITCH	DISPLAY MODE	
	S5505	QSW0698-001Z	TACT SWITCH	CLOCK	
	S5506	QSW0698-001Z	TACT SWITCH	TIMER	
	S5507	QSW0698-001Z	TACT SWITCH	VOL.UP	
	S5508	QSW0698-001Z	TACT SWITCH	VOL.DOWN	
	S5509	QSW0698-001Z	TACT SWITCH	AHB	
	W3303	QJK019-030703	SIN CR C-B WIRE	V5R/EN ONLY	
⚠	Z1901	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1902	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1903	QNG0020-001Z	FUSE CLIP	FOR F1902	
⚠	Z1904	QNG0020-001Z	FUSE CLIP	FOR F1902	
⚠	Z1907	QNG0020-001Z	FUSE CLIP	V5R/EN ONLY	
⚠	Z1908	QNG0020-001Z	FUSE CLIP	V5R/EN ONLY	

■Tuner/Function Board

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 1	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 2	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 3	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 4	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 5	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 6	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 7	NCS21HJ-102X	C CAPACITOR	1000PF 5% 50V	
	C 8	NCS21HJ-150X	C CAPACITOR	15PF 5% 50V	
	C 9	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 11	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 12	NDC21HJ-150X	C CAPACITOR		
	C 13	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 14	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 15	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 16	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 17	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 18	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 19	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 21	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 30	QEK61CM-476Z-JB	E CAPACITOR	47MF 20% 16V	
	C 31	NCS21HJ-390X	C CAPACITOR	39PF 5% 50V	
	C 32	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 33	QEK61AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C 34	NCS21HJ-150X	C CAPACITOR	15PF 5% 50V	
	C 35	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 36	QEK41CM-106	E CAPACITOR	V5R/E EN EV B	
	C 36	QEK61MC-106Z	E CAPACITOR	V5R/EE	
	C 36	QEK41CM-106	E CAPACITOR	V5/A	
	C 37	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 39	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 40	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 41	QEK61HM-104Z-JB	E CAPACITOR	.10MF 20% 50V	
	C 42	QEK61HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C 43	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20% 50V	
	C 44	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 45	QEK41CM-106	E CAPACITOR	V5R/E EN EV B	
	C 45	QEK41CM-106	E CAPACITOR	V5/A	
	C 45	QEKC1CM-106Z	E CAPACITOR	V5R/EE	
	C 46	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 47	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 49	NCB21HK-183X	C CAPACITOR	.018MF 10% 50V	
	C 50	NCB21HK-183X	C CAPACITOR	.018MF 10% 50V	
	C 51	QEK41HM-105	E CAPACITOR	V5/A	
	C 51	QEK61HM-105Z-JB	E CAPACITOR	V5R/EE	
	C 51	QEK41HM-105	E CAPACITOR	V5R/E EN EV B	
	C 52	QEK41HM-105	E CAPACITOR	V5R/E EN EV B	
	C 52	QEK61HM-105Z-JB	E CAPACITOR	V5R/EE	
	C 52	QEK41HM-105	E CAPACITOR	V5/A	
	C 53	NCB21HK-681X	C CAPACITOR	680PF 10% 50V	
	C 55	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 60	QEK61AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C 61	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 62	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 63	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 65	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 66	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C 67	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 68	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 69	QEK61HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C 70	NCB21HK-392X	C CAPACITOR	3900PF 10% 50V	
	C 71	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20% 50V	
	C 72	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 80	NCS21HJ-820X	C CAPACITOR	V5R/E EE EN EV	
	C 80	NCS21HJ-820X	C CAPACITOR	V5R/B	
	C 81	NCS21HJ-470X	C CAPACITOR	V5R/B	
	C 81	NCS21HJ-470X	C CAPACITOR	V5R/E EE EN EV	
	C 82	QEK41CM-106	E CAPACITOR	V5R/E EN EV B	
	C 82	QEK41CM-106	E CAPACITOR	V5R/EE	
	C 83	NCB21EK-473X	C CAPACITOR	V5R/B	
	C 83	NCB21EK-473X	C CAPACITOR	V5R/E EE EN EV	
	C 84	QEK61HM-225Z-JB	E CAPACITOR	V5R/E EE EN EV	
	C 84	QEK61HM-225Z-JB	E CAPACITOR	V5R/B	
	C 85	NCB21HK-331X	C.CAPA. C.M	V5R/B	
	C 85	NCB21HK-331X	C.CAPA. C.M	V5R/E EE EN EV	
	C 86	NCB21HK-561X	C CAPACITOR	V5R/E EE EN EV	
	C 86	NCB21HK-561X	C CAPACITOR	V5R/B	
	C 89	NCB21HK-102X	C CAPACITOR	V5R/B	
	C 89	NCB21HK-102X	C CAPACITOR	V5R/E EE EN EV	
	C 90	NCB21HK-103X	C CAPACITOR	V5R/E EE EN EV	
	C 90	NCB21HK-103X	C CAPACITOR	V5R/B	
	C 91	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 92	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 93	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 95	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	CF 1	QAX0420-001	C FILTER	V5R/E EN EV B	
	CF 1	QAX0420-001	C FILTER	V5/A	
	CF 1	QAX0403-001	C FILTER	V5R/EE	
	CF 2	QAX0403-001	C FILTER	V5R/EE	
	CF 2	QAX0421-001	C FILTER	V5/A	
	CF 2	QAX0421-001	C FILTER	V5R/E EN EV B	
	CF 3	QAX0418-001Z	C FILTER		
	CF 4	QAX0409-001	CERA LOCK		
	CN 43	QGF1201F3-09	CONNECTOR	CT	
	CN 44	QGF1201F3-10	CONNECTOR	CT	
	CN501	QGA2001F1-04	4P PLUG ASSY	MD6P	
	CN502	QGF1201C3-10	CONNECTOR	VCD12P	
	CN503	VMC00289-P12	CONNECTOR		
	CN504	QGA2501F1-03	CONNECTOR		
	CN506	QGB1214J1-12S	CONNECTOR		
	CN507	QGB1214J1-12S	CONNECTOR		
	CN508	QGA2001F1-02	2P CONNECTOR		
	CN811	QGF1016F1-07	CONNECTOR		
	CN812	QGF1008F1-11	CONNECTOR		
	C3108	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C3208	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C5101	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5102	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5103	QTE1H06-475Z	E CAPACITOR		
	C5105	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5106	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C5107	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5108	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5109	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5110	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5201	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5202	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5203	QTE1H06-475Z	E CAPACITOR		
	C5205	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5206	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5207	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5208	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5209	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5210	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5301	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5302	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5303	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5304	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5307	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C5308	QER41CM-226	E CAPACITOR	22MF 20% 16V	
	C5309	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5311	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5312	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5313	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C5901	QER41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C5902	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C5903	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C8001	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C8002	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C8201	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C8202	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	D 1	1SS133-T2	DIODE		
	D 2	1SS133-T2	DIODE		
	D 3	1SS133-T2	DIODE		
	D 4	1SS133-T2	DIODE		
	DI801	QLD0079-001	LCD MODULE		
	D5301	MTZJ3.3B-T2	ZENER DIODE I/M		
	D5302	1SS133-T2	DIODE		
	D5303	1SS133-T2	DIODE		
	D5304	1SS133-T2	DIODE		
	D5901	MTZJ3.9B-T2	Z DIODE		
	D5902	1SS133-T2	DIODE		
	D5903	1SS133-T2	DIODE		
	D5905	MTZJ9.1A-T2	ZENER DIODE	CT	
	D5906	1SS133-T2	DIODE	CT	
	D8001	SPR-39MVWF	LED	RED	
	D8003	1SS133-T2	DIODE		
	D8301	TLYH156P	LED		
	D8302	TLYH156P	LED		
	D8303	TLYH156P	LED		
	EP501	QNZ0136-001Z	EARTH PLATE		
	IC 1	TA2057N	IC		
	IC 2	LC72136N	IC		
	IC 4	BU1923	IC(RDS)	V5R/E EE EN EV	
	IC 4	BU1923	IC(RDS)	V5R/B	
	IC531	BA15218F-XE	IC		

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	IC801	RPM6938-V4	RM.RECEIVER		
	J 1	QNB0014-001	ANT TERMINAL	AM/FM ANT COAX	
	J3004	QNS0032-001	JACK		
	J5301	QNN0306-001	4PIN JACK ASSY	V5R/E EN EV B	
	J5301	QNN0199-001	4PIN JACK ASSY	V5R/EE	
	J5301	QNN0306-001	4PIN JACK ASSY	V5/A	
	J5701	GP1F32T	OPTICAL JACK		
	K3106	QQR0779-001Z	INDUCTOR		
	K3206	QQR0779-001Z	INDUCTOR		
	K5301	QQR0779-001Z	INDUCTOR		
	K5302	QQR0779-001Z	INDUCTOR		
	K5303	QQR0779-001Z	INDUCTOR		
	K5307	QQR0779-001Z	INDUCTOR		
	L 1	QQR0870-001	COIL BLOCK	MW/LW RF/OSC	
	L 4	QQL231K-221Y	INDUCTOR		
	L 5	QQL231K-101Y	INDUCTOR	V5R/E EE EN EV	
	L 5	QQL231K-101Y	INDUCTOR	V5R/B	
	L 10	QQR0794-001	TRAP COIL	V5R/E EN EV B	
	L 10	QQR0794-001	TRAP COIL	V5/A	
	L 11	QQL231K-2R7Y	INDUCTOR		
	L 12	QQL231K-4R7Y	INDUCTOR	V5/A	
	L 12	QQL231K-4R7Y	INDUCTOR	V5R/E EN EV B	
	LF511	QQR0590-001	FILTER		
	LF521	QQR0590-001	FILTER		
	L3106	QQL231K-470Y	INDUCTOR		
	L3206	QQL231K-470Y	INDUCTOR		
	L3301	QQL29BJ-470Z	INDUCTOR	FTZ	
	PP531	QZW0007-001	POST PIN		
	PP532	QZW0007-001	POST PIN		
	PP533	QZW0007-001	POST PIN		
	Q 1	2SC2668/O/-T	TRANSISTOR		
	Q 2	DTA114YKA-X	TRANSISTOR		
	Q 3	KTC3199/GL/-T	TR I/M		
	Q 4	KTC3199/GL/-T	TR I/M		
	Q 6	DTA114YKA-X	TRANSISTOR		
	Q 7	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 8	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 14	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5101	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5102	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5103	2SC2412K/R/-X	TRANSISTOR		
	Q5104	2SC2412K/R/-X	TRANSISTOR	CT	
	Q5106	2SC2412K/R/-X	TRANSISTOR	W/O A5MD	
	Q5201	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5202	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5203	2SC2412K/R/-X	TRANSISTOR		
	Q5204	2SC2412K/R/-X	TRANSISTOR	CT	
	Q5206	2SC2412K/R/-X	TRANSISTOR	W/O A5MD	
	Q5301	DTA143EKA-X	TRANSISTOR		
	Q5302	DTA143EKA-X	TRANSISTOR		
	Q5303	DTA114EKA-X	DIGITAL.TR	CT	
	Q5308	DTA114EKA-X	DIGITAL.TR	W/O A5MD	
	Q5901	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5902	2SC2412K/R/-X	TRANSISTOR		
	Q5903	2SD468/BC/-T	TRANSISTOR	CT	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q8001	DTC114TKA-X	TRANSISTOR		
	R 1	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 2	NRSA02J-820X	MG RESISTOR	82 5% 1/10W	
	R 3	NRSA02J-121X	MG RESISTOR	V5R/EE	
	R 3	NRSA02J-560X	MG RESISTOR	V5/A	
	R 3	NRSA02J-560X	MG RESISTOR	V5R/E EN EV B	
	R 10	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 12	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 13	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 15	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 16	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 20	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 21	NRSA02J-224X	RES. C.M	220K 5% 1/10W	
	R 22	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 23	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R 24	NRSA02J-271X	MG RESISTOR	270 5% 1/10W	
	R 25	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 26	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R 27	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R 29	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 30	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 31	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 34	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 35	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 36	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 37	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 38	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 39	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 42	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 43	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 44	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 45	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 46	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 48	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 52	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 54	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 55	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 56	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 57	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 60	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 61	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 65	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 66	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 68	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 69	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 74	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 75	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 76	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
	R 76	NRSA02J-102X	RES. C.M	V5R/B	
	R 80	NRSA02J-222X	MG RESISTOR	V5R/B	
	R 80	NRSA02J-222X	MG RESISTOR	V5R/E EE EN EV	
	R 82	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
	R 82	NRSA02J-102X	RES. C.M	V5R/B	
	R 83	NRSA02J-102X	RES. C.M	V5R/B	
	R 83	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R 84	NRSA02J-103X	RES. C.M	V5R/E EE EN EV	
R 84	NRSA02J-103X	RES. C.M	V5R/B	
R3106	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
R3107	NRSA02J-471X	RES. C.M	470 5% 1/10W	
R3206	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
R3207	NRSA02J-471X	RES. C.M	470 5% 1/10W	
R5101	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
R5102	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
R5103	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
R5104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5105	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5106	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
R5107	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
R5108	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
R5109	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5110	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
R5111	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
R5112	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
R5113	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
R5114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5115	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
R5116	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
R5122	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5123	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
R5124	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
R5125	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R5126	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5127	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5128	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5129	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
R5201	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
R5202	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
R5203	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
R5204	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
R5205	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
R5206	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
R5207	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
R5208	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
R5209	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5210	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
R5211	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
R5212	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
R5213	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
R5214	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5215	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
R5216	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
R5222	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5223	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
R5224	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
R5225	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R5226	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5227	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5228	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5229	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
R5301	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R5302	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
R5303	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R5304	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R5305	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R5306	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
R5311	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R5312	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
R5313	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
R5314	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
R5901	NRSA02J-390X	MG RESISTOR	39 5% 1/10W	
R5902	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R5903	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
R5904	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5905	NRSA02J-471X	RES. C.M	470 5% 1/10W	
R5906	NRSA02J-471X	RES. C.M	470 5% 1/10W	
R5907	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
R5908	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R8001	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R8002	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R8003	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
R8004	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
R8005	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R8006	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
R8007	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
R8010	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
R8011	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
R8201	NRSA02J-432X	RES. C.M	4.3K 5% 1/10W	
R8301	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R8302	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R8303	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R8304	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R8305	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R8306	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R8307	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R8308	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R8309	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
S8001	QSW0698-001Z	TACT SWITCH	DOOR OP/CL	
S8002	QSW0698-001Z	TACT SWITCH	CD	
S8003	QSW0698-001Z	TACT SWITCH	TUNER	
S8004	QSW0698-001Z	TACT SWITCH	TAPE	
S8005	QSW0698-001Z	TACT SWITCH	MD/AUX	
S8006	QSW0698-001Z	TACT SWITCH	B.SEARCH	
S8007	QSW0698-001Z	TACT SWITCH	STOP/CLR	
S8008	QSW0698-001Z	TACT SWITCH	F.SEARCH	
S8010	QSW0698-001Z	TACT SWITCH	POWER	
S8101	QSW0620-001	SWITCH		
S8102	QSW0620-001	SWITCH		
T 1	QQR0793-001	IFT		
TU 1	QAU0034-001	FRONT END	V5R/E EN EV B	
TU 1	QAU0034-001	FRONT END	V5/A	
TU 1	QAU0036-001	FRONT END	V5R/EE	
X 1	QAX0402-001	CRYSTAL		
X 2	QAX0263-001Z	CRYSTAL	V5R/B	
X 2	QAX0263-001Z	CRYSTAL	V5R/E EE EN EV	

■Micon Board

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN701	QGF1201F3-13	CONNECTOR	TO CD PWB	
	CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN707	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN711	QGF1016C1-07	CONNECTOR	TO FKEY PWB	
	CN712	QGF1008F1-11	CONNECTOR	TO LCD PWB	
	CN714	QGA2001C1-03	3P PLUG ASSY	TO DOOR-SW PWB	
	CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	CN772	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	C7001	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7002	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7003	NCS21HJ-390X	C CAPACITOR	39PF 5% 50V	
	C7004	NCS21HJ-360X	C CAPACITOR	36PF 5% 50V	
	C7005	NCS21HJ-220X	C CAPACITOR	22PF 5% 50V	
	C7006	NCS21HJ-200X	C CAPACITOR	20PF 5% 50V	
	C7007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7008	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7011	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C7012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7013	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C7108	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7109	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7121	NCS21HJ-101X	C CAPACITOR	V5R/E EE EN EV	
	C7121	NCS21HJ-101X	C CAPACITOR	V5R/B	
	C7122	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7123	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7124	NCS21HJ-101X	C CAPACITOR	V5R/E EE EN EV	
	C7124	NCS21HJ-101X	C CAPACITOR	V5R/B	
	C7125	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7126	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7201	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C7202	QFN41HJ-104	M CAPACITOR	.10MF 5% 50V	
	C7311	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C7312	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7321	QEZ0229-479Z	EDL.CAPACITOR	47000MF	
	C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C7802	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7803	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7804	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7805	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7811	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	D7001	1SS133-T2	DIODE	CLOCK	
	D7201	1SS133-T2	DIODE	US6V2	
	D7202	1SS133-T2	DIODE	US5V	
	D7203	1SS133-T2	DIODE	LCD5V	
	D7204	1SS133-T2	DIODE	BU5V	
	D7205	MTZJ8.2B-T2	DIODE	US6V2	
	D7301	MTZJ5.1C-T2	ZENER DIODE	BUCKUP	
	D7311	1SS133-T2	DIODE	RESET	
	D7321	1SS133-T2	DIODE	BU5V	
	IC701	UPD78056GC-A29	IC	SYSTEM MICON	
	IC702	KIA78S06P-T	IC	US6V REG	
	K7201	QQR0601-001Z	F.BEADS I.M	ICVSS	
	K7202	QQR0601-001Z	F.BEADS I.M	AVSS	
	K7203	QQR0601-001Z	F.BEADS I.M	FKEY	
	L7201	QQL01BK-100Z	INDUCTOR	VDD	

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	L7202	QQL01BK-100Z	INDUCTOR	AVDD	
	PP701	QZW0007-001	POST PIN		
	PP702	QZW0007-001	POST PIN		
	Q7001	2SC2668/O/-T	TRANSISTOR	CLOCK SHIFT	
	Q7002	2SC2668/O/-T	TRANSISTOR	CLOCK SHIFT	
	Q7301	2SC2412K/R/-X	TRANSISTOR	BACKUP CONT	
	Q7311	2SC2412K/R/-X	TRANSISTOR	RESET	
	Q7321	2SA1037AK/R/-X	CHIP TR.C.M	SW5V	
	Q7811	2SC2412K/R/-X	TRANSISTOR	PHOTO BUFFER	
	Q7821	DTC114EKA-X	TR	BL DIMMER	
	Q7822	2SA933S/RS/-T	TRANSISTOR	BL DIMMER	
	R7001	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7002	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7003	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7004	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7005	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7101	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7102	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7103	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7105	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7106	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7107	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7108	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7109	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7110	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7111	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7112	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7113	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7115	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7116	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7117	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7118	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7119	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7120	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7121	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7122	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7123	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7124	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7125	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7126	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7127	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
	R7127	NRSA02J-102X	RES. C.M	V5R/B	
	R7128	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7129	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7130	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7131	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7132	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7133	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7134	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7135	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7136	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7137	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R7138	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R7139	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7140	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7141	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7142	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7143	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7144	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7145	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7146	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7147	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7148	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7149	NRSA02J-102X	RES. C.M	V5R/B	
	R7149	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
	R7150	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7151	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7152	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7153	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7154	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7155	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7156	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7301	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7302	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7303	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7304	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7311	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7312	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7313	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7314	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7315	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7321	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R7322	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7401	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7402	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7403	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7404	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7405	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7406	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7407	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7408	NRSA02J-273X	MG RESISTOR	V5R/E EN EV B	
	R7408	NRSA02J-153X	MG RESISTOR	V5R/EE V5/A	
	R7409	NRSA02J-153X	MG RESISTOR	V5R/EE V5/A	
	R7410	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7411	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7801	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7802	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7803	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7804	NRSA02J-105X	MG RESISTOR	1.0M 5% 1/10W	
	R7805	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7811	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
	R7812	NRSA02J-394X	RES. C.M	390K 5% 1/10W	
	R7813	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7821	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7822	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7823	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R7824	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	X7001	QAX0401-001	CRYSTAL	CLOCK(36.678KHZ	

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	X7002	QAX0410-001	CERA LOCK	MAIN CK(4.19MHZ	

■CD Board

BLOCK NO. 04

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN601	QGF1201F3-13	CONNECTOR	V3/V5/V9/A1/A5	
	CN602	QGF1201F3-10	CONNECTOR	V3/V5/V9/A1/A5	
	CN603	QGF1004F4-18	FPC CONNECTOR		
	CN604	QGA2501C1-03	3P CONNECTOR		
	CN605	QGA1501C3-02	W TO B CONNE	RED	
	CN606	QGA1501C4-02	W TO B CONNE	BLUE	
	CN607	VMC0199-902V	CONNECTOR	WHITE	
	C6001	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6002	QER41CM-106	E CAPACITOR	10MF 20% 16V	
	C6003	NDC21HJ-3R5X	C CAPACITOR		
	C6005	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C6006	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6008	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C6009	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C6010	NCB21HK-273X	C CAPACITOR	.027MF 10% 50V	
	C6011	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C6014	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6015	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6016	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6017	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6018	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6019	NCS21HJ-271X	C CAPACITOR	270PF 5% 50V	
	C6020	NCS21HJ-181X	C CAPACITOR	180PF 5% 50V	
	C6021	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C6022	QER60JM-476Z	E.CAPACITOR	47MF 20% 6.3V	
	C6023	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6028	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6029	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6031	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6032	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6051	NDC21HJ-120X	C CAPACITOR		
	C6052	NDC21HJ-150X	C CAPACITOR		
	C6053	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6055	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6058	NCS21HJ-6R0X	C.CAPA. C.M	6.0PF 5% 50V	
	C6061	NCS21HJ-471X	C CAPACITOR	470PF 5% 50V	
	C6062	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6063	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6064	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6065	NCB21CK-334X	C.CAPA. C.M	.33MF 10% 16V	
	C6071	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6072	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6073	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6075	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6076	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6077	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6080	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6081	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6083	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6095	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6096	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6097	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6098	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	

BLOCK NO. 04

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C6099	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6101	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6154	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6156	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6157	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6158	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	D6061	1SS355-X	DIODE C.M		
	D6062	1SS355-X	DIODE C.M		
	D6063	1SS355-X	DIODE C.M		
	IC601	AN8806SB-W	IC C.M		
	IC602	BA6897FP-W	IC		
	IC603	MN35510	IC		
	K6051	QQR0779-001Z	INDUCTOR		
	Q6001	2SA1037AK/R/-X	CHIP TR.C.M		
	Q6031	2SA952/LK/-T	TRANSISTOR		
	R6001	NRSA02J-123X	RESISTOR	12K 5% 1/10W	
	R6002	NRSA02J-225X	MG RESISTOR	2.2M 5% 1/10W	
	R6003	NRSA02J-102X	RESISTOR	1.0K 5% 1/10W	
	R6005	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6006	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R6007	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6009	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6010	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6012	NRSA02J-103X	RESISTOR	10K 5% 1/10W	
	R6013	NRSA02J-121X	MG RESISTOR	120 5% 1/10W	
	R6014	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R6015	NRSA02J-120X	MG RESISTOR	12 5% 1/10W	
	R6016	NRSA02J-910X	RES. C.M	91 5% 1/10W	
	R6021	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6022	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6023	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6024	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6025	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6026	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6027	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6028	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6029	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6031	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R6032	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6041	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6042	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W	
	R6043	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R6044	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6045	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6046	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6047	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6051	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6052	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6053	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6054	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6055	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6056	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6057	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6058	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6059	NRSA02J-471X	RES. C.M	470 5% 1/10W	

BLOCK NO. 04

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R6060	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R6061	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6063	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6064	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R6066	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6067	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6068	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6069	NRSA02J-155X	MG RESISTOR	1.5M 5% 1/10W	
	R6071	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6072	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6076	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6080	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6081	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6121	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	W 814	QJK018-031203	SIN CR C-B WIRE		
	W 815	QJL006-021302	SIN CR B-B WIRE		
	W3004	QJK017-052600	SIN CR C-B WIRE		
	W3351	QJP003-042401	SHI CR C-B WIRE		
	W5501	QJK018-020802	SIN CR C-B WIRE		
	X6051	QAX0413-001Z	CRYSTAL		

■Main Board (UX-V3)

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN195	QGB2016J1-15	CONNECTOR		
	CN196	VMC00289-S12	CONNECTOR		
⚠	CN197	VMZ0076-002	CONNECTOR		
	CN198	QGA2501C3-03Z	CONNECTOR		
⚠	CN199	QGA7901C1-02	CONNECTOR		
⚠	CN301	QGB2016K1-15	B TO B CONNE	POWER PWB	
	CN304	QGA2501C3-05Z	CONNECTOR		
	CN308	EMV5111-002	2P CONNECTOR	CD DOOR	
⚠	CN311	QNB0092-001	SPK TERMINAL	SPEAKER	
	CN371	QGB1214K1-12S	CONNECTOR	MICOM TOP	
	CN372	QGB1214K1-12S	CONNECTOR	MICOM BOT	
⚠	C1901	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1902	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1903	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1904	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1910	QDYB1CM-103Y	ABCAPACITOR		
	C1911	QTE1C03-106Z	E CAPACITOR		
	C1912	QTE1E06-476Z	E CAPACITOR		
	C1916	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1917	QETC1CM-106Z-JB	E CAPACITOR	10MF 20% 16V	
⚠	C3001	QETM1EM-828	E CAPACITOR	8200MF 20% 25V	
	C3002	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C3003	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3004	QTE1A28-337Z	E.CAPACITOR		
	C3005	QETC1EM-336Z-JB	E CAPACITOR	33MF 20% 25V	
	C3006	QETC1HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C3007	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3101	QTE1C03-106Z	E CAPACITOR		
	C3103	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3104	QDX31EM-104Z	C CAPACITOR		
	C3105	QDX31EM-104Z	C CAPACITOR		
	C3106	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3107	QDXB1CM-332Y	C CAPACITOR		
	C3121	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3122	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3125	QTE1A03-226Z	E CAPACITOR		
	C3126	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3152	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3153	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3154	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	
	C3157	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3158	QTE1C03-106Z	E CAPACITOR		
	C3201	QTE1C03-106Z	E CAPACITOR		
	C3203	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3204	QDX31EM-104Z	C CAPACITOR		
	C3205	QDX31EM-104Z	C CAPACITOR		
	C3206	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3207	QDXB1CM-332Y	C CAPACITOR		
	C3221	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3222	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3225	QTE1A03-226Z	E CAPACITOR		
	C3226	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3252	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3253	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3254	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C3257	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3258	QTE1C03-106Z	E CAPACITOR		
	C3301	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3321	QETC1EM-476Z-JB	E CAPACITOR	47MF 20% 25V	
	C3331	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3332	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3333	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3334	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3335	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3336	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3337	QDGB1HK-102Y	C CAPACITOR		
	C3351	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3353	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3354	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3355	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3356	QTE1C28-106Z	E.CAPA. I.M		
	C3357	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3358	QDGB1HK-102Y	C CAPACITOR		
	C3801	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3802	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3803	QFV41HJ-103	TF CAPACITOR	.010MF 5% 50V	
	C3804	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3805	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C3901	QETC1EM-476Z-JB	E CAPACITOR	47MF 20% 25V	
	C3902	QDYB1CM-103Y	ABCAPACITOR		
	C3903	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3904	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3931	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3951	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3952	QER61EM-226Z	E.CAPA. I.M	22MF 20% 25V	
	C3999	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
⚠	D1901	D5SBA20-S1	SI DIODE	ANALOG	
	D1902	6A10E2	SI DIODE	V3/EN ONLY	
	D1908	MTZJ4.3B-T2	ZENER DIODE	CD6V	
⚠	D1913	MTZJ6.8B-T2	DIODE	US5V	
	D3321	MTZJ5.1A-T2	ZENER DIODE		
	D3331	1SS133-T2	DIODE		
	D3332	1SS133-T2	DIODE		
	D3333	1SS133-T2	DIODE		
	D3334	1SS133-T2	DIODE		
	D3801	DSK10C-T1	DIODE		
	D3901	1SS133-T2	DIODE		
	D3902	MTZJ10A-T2	ZENER DIODE		
	D3903	MTZJ5.6C-T2	ZENER DIODE		
	D3931	MTZJ11A-T2	Z.DIODE I.M		
	D3932	1SS133-T2	DIODE		
	D3951	MTZJ6.8A-T2	ZENER DIODE		
	D3952	MTZJ10A-T2	ZENER DIODE		
	EP301	QNZ0136-001Z	EARTH PLATE		
	IC191	UPC78L05J-T	I C	US5V	
⚠	IC301	LA4705NA	IC	POWER AMP	
	IC302	NJM4580L-D	IC	AHB AMP	
	IC305	BH3852S	IC	E VOL	
	IC308	TA8409S	IC		
⚠	J1901	QNC0006-001	AC SOCKET		

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	J3001	QNA0016-001	DC JACK	V3/EN ONLY	
	K3801	QQR0779-001Z	INDUCTOR		
	LC311	QQR0797-002	INDUCTOR	FTZ	
	LC321	QQR0797-002	INDUCTOR	FTZ	
⚠	LF191	QQR0799-001	INDUCTOR		
	L3801	QQL25CK-221Z	INDUCTOR		
⚠	Q1901	2SA1359/OY/	TRANSISTOR	CD6V	
	Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V	
	Q3101	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3131	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
	Q3131	2SC2785/FE/-T	TR I/M	V3/EV	
	Q3201	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3231	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
	Q3231	2SC2785/FE/-T	TR I/M	V3/EV	
	Q3301	KRA101M-T	TR I/M		
	Q3801	2SC2785/FE/-T	TR I/M	V3/EV	
	Q3801	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
⚠	Q3901	2SB941/P/	TRANSISTOR		
	Q3902	2SA1175/HFE/-T	TRANSISTOR	V3/EV	
	Q3902	KTA1267/YG/-T	TRANSISTOR	V3/E EE EN B A	
	Q3903	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
	Q3903	2SC2785/FE/-T	TR I/M	V3/EV	
	Q3904	KRC114M-T	TR I.M		
	Q3905	DTA144TSA-T	D.TRANSISTOR		
	Q3906	2SC2785/FE/-T	TR I/M	V3/EV	
	Q3906	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
⚠	Q3931	2SC2001/LK/-T	TRANSISTOR		
⚠	Q3951	2SB562/BC/-T	TRANSISTOR		
	Q3952	2SC2785/FE/-T	TR I/M	V3/EV	
	Q3952	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
	R1902	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R1903	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1904	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R1922	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R3001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3102	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3104	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3105	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
	R3122	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3123	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3124	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3125	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3127	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3128	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3129	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3131	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3132	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3133	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3152	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3153	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3155	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3156	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3202	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3204	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3205	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R3222	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3223	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3224	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3225	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3227	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3228	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3229	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3231	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3232	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3233	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3252	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3253	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3255	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3256	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3321	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3322	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3331	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3332	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3333	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3334	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3335	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3336	QRE141J-513Y	C RESISTOR	51K 5% 1/4W	
	R3351	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3352	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3353	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3354	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3355	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3801	QRJ146J-151X	C RESISTOR	150 5% 1/4W	
	R3802	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3803	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R3804	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R3805	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R3806	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
⚠	R3901	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3902	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3903	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3904	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
	R3905	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3906	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R3907	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R3908	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R3909	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3910	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3911	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3912	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3913	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3914	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3915	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3916	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3917	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R3918	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3919	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3920	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3921	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3931	QRE141J-561Y	C RESISTOR	560 5% 1/4W	

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
⚠	R3951	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R3952	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3953	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3954	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5501	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5502	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5503	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R5504	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R5505	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5506	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R5507	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R5508	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
⚠	R9701	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	S5501	QSW0698-001Z	TACT SWITCH	REC	
	S5502	QSW0698-001Z	TACT SWITCH	REV.MODE	
	S5504	QSW0698-001Z	TACT SWITCH	SLEEP	
	S5505	QSW0698-001Z	TACT SWITCH	CLOCK	
	S5506	QSW0698-001Z	TACT SWITCH	TIMER	
	S5507	QSW0698-001Z	TACT SWITCH	VOL.UP	
	S5508	QSW0698-001Z	TACT SWITCH	VOL.DOWN	
	S5509	QSW0698-001Z	TACT SWITCH	AHB	
	W3303	QJK019-030703	SIN CR C-B WIRE	V3/EN ONLY	
⚠	Z1901	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1902	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1903	QNG0020-001Z	FUSE CLIP	FOR F1902	
⚠	Z1904	QNG0020-001Z	FUSE CLIP	FOR F1902	
⚠	Z1907	QNG0020-001Z	FUSE CLIP	V3/EN ONLY	
⚠	Z1908	QNG0020-001Z	FUSE CLIP	V3/EN ONLY	

■Function/Tuner Board

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 1	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 2	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 3	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 4	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 5	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 6	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 7	NCS21HJ-102X	C CAPACITOR	1000PF 5% 50V	
	C 8	NCS21HJ-150X	C CAPACITOR	15PF 5% 50V	
	C 9	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 11	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 12	NDC21HJ-150X	C CAPACITOR		
	C 13	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 14	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 15	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 16	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 17	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 18	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 19	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 21	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 30	QEK61CM-476Z-JB	E CAPACITOR	47MF 20% 16V	
	C 31	NCS21HJ-390X	C CAPACITOR	39PF 5% 50V	
	C 32	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 33	QEK61AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C 34	NCS21HJ-150X	C CAPACITOR	15PF 5% 50V	
	C 35	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 36	QEK41CM-106	E CAPACITOR	V3/EV	
	C 36	QEK41CM-106	E CAPACITOR	V3/E EE EN B A	
	C 37	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 39	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 40	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 41	QEK61HM-104Z-JB	E CAPACITOR	.10MF 20% 50V	
	C 42	QEK61HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C 43	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20% 50V	
	C 44	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 45	QEK41CM-106	E CAPACITOR	V3/E EE EN B A	
	C 45	QEK41CM-106	E CAPACITOR	V3/EV	
	C 46	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 47	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 49	NCB21HK-183X	C CAPACITOR	.018MF 10% 50V	
	C 50	NCB21HK-183X	C CAPACITOR	.018MF 10% 50V	
	C 51	QEK41HM-105	E CAPACITOR	V3/EV	
	C 51	QEK41HM-105	E CAPACITOR	V3/E EE EN B A	
	C 52	QEK41HM-105	E CAPACITOR	V3/E EE EN B A	
	C 52	QEK41HM-105	E CAPACITOR	V3/EV	
	C 53	NCB21HK-681X	C CAPACITOR	680PF 10% 50V	
	C 55	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 60	QEK61AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C 61	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 62	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 63	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 65	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 66	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C 67	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 68	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 69	QEK61HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 70	NCB21HK-392X	C CAPACITOR	3900PF 10% 50V	
	C 71	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20% 50V	
	C 72	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 91	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 92	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 93	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 95	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	CF 1	QAX0420-001	C FILTER	V3 /E EN EV B A	
	CF 1	QAX0403-001	C FILTER	V3/EE	
	CF 2	QAX0403-001	C FILTER	V3/EE	
	CF 2	QAX0421-001	C FILTER	V3 /E EN EV B A	
	CF 3	QAX0418-001Z	C FILTER		
	CF 4	QAX0409-001	CERA LOCK		
	CN 43	QGF1201F3-09	CONNECTOR		
	CN 44	QGF1201F3-10	CONNECTOR		
	CN501	QGA2001F1-04	4P PLUG ASSY	MD6P	
	CN502	QGF1201C3-10	CONNECTOR	VCD12P	
	CN503	VMC0028J-P12	CONNECTOR		
	CN504	QGA2501F1-03	CONNECTOR		
	CN506	QGB1214J1-12S	CONNECTOR		
	CN507	QGB1214J1-12S	CONNECTOR		
	CN508	QGA2001F1-02	2P CONNECTOR		
	CN811	QGF1016F1-07	CONNECTOR		
	CN812	QGF1008F1-11	CONNECTOR		
	C3108	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C3208	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C5101	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5102	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5103	QTE1H06-475Z	E CAPACITOR		
	C5105	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5106	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5107	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5108	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5109	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5110	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5201	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5202	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5203	QTE1H06-475Z	E CAPACITOR		
	C5205	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5206	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5207	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5208	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5209	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5210	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5301	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5302	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5303	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5304	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5307	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C5308	QER41CM-226	E CAPACITOR	22MF 20% 16V	
	C5309	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5311	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5312	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5313	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C5901	QER41EM-475	E CAPACITOR	4.7MF 20% 25V	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C5902	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C5903	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C8001	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C8002	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C8201	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C8202	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	D 1	1SS133-T2	DIODE		
	D 2	1SS133-T2	DIODE		
	D 3	1SS133-T2	DIODE		
	D 4	1SS133-T2	DIODE		
	DI801	QLD0079-001	LCD MODULE		
	D5301	MTZJ3.3B-T2	ZENER DIODE I/M		
	D5302	1SS133-T2	DIODE		
	D5303	1SS133-T2	DIODE		
	D5304	1SS133-T2	DIODE		
	D5901	MTZJ3.9B-T2	Z DIODE		
	D5902	1SS133-T2	DIODE		
	D5903	1SS133-T2	DIODE		
	D5905	MTZJ9.1A-T2	ZENER DIODE		
	D5906	1SS133-T2	DIODE		
	D8001	SPR-39MVWF	LED	RED	
	D8003	1SS133-T2	DIODE		
	D8301	SELU1E56BM	LED		
	D8302	SELU1E56BM	LED		
	D8303	SELU1E56BM	LED		
	EP501	QNZ0136-001Z	EARTH PLATE		
	IC 1	TA2057N	IC		
	IC 2	LC72136N	IC		
	IC531	BA15218F-XE	IC		
	IC801	RPM6938-V4	RM.RECEIVER		
	J 1	QNB0014-001	ANT TERMINAL	AM/FM ANT COAX	
	J3004	QNS0032-001	JACK		
	J5301	QNN0306-001	4PIN JACK ASSY	A5MD 2P	
	J5701	GP1F32T	OPTICAL JACK	MD 32R	
	K3106	QQR0779-001Z	INDUCTOR		
	K3206	QQR0779-001Z	INDUCTOR		
	K5301	QQR0779-001Z	INDUCTOR		
	K5302	QQR0779-001Z	INDUCTOR		
	K5303	QQR0779-001Z	INDUCTOR		
	K5307	QQR0779-001Z	INDUCTOR		
	L 1	QQR0870-001	COIL BLOCK	MW/LW RF/OSC	
	L 4	QQL231K-221Y	INDUCTOR		
	L 10	QQR0794-001	TRAP COIL	V3/E EN EV B A	
	L 11	QQL231K-2R7Y	INDUCTOR		
	L 12	QQL231K-4R7Y	INDUCTOR	V3/E EN EV B A	
	LF511	QQR0590-001	FILTER		
	LF521	QQR0590-001	FILTER		
	L3106	QQL231K-470Y	INDUCTOR		
	L3206	QQL231K-470Y	INDUCTOR		
	L3301	QQL29BJ-470Z	INDUCTOR	FTZ	
	PP531	QZW0007-001	POST PIN		
	PP532	QZW0007-001	POST PIN		
	PP533	QZW0007-001	POST PIN		
	Q 1	2SC2668/O/-T	TRANSISTOR		
	Q 2	DTA114YKA-X	TRANSISTOR		

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q 3	KTC3199/GL/-T	TR I/M		
	Q 4	KTC3199/GL/-T	TR I/M		
	Q 6	DTA114YKA-X	TRANSISTOR		
	Q 7	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 8	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 14	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5101	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5102	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5103	2SC2412K/R/-X	TRANSISTOR		
	Q5104	2SC2412K/R/-X	TRANSISTOR		
	Q5106	2SC2412K/R/-X	TRANSISTOR		
	Q5201	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5202	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5203	2SC2412K/R/-X	TRANSISTOR		
	Q5204	2SC2412K/R/-X	TRANSISTOR		
	Q5206	2SC2412K/R/-X	TRANSISTOR		
	Q5301	DTA143EKA-X	TRANSISTOR		
	Q5302	DTA143EKA-X	TRANSISTOR		
	Q5303	DTA114EKA-X	DIGITAL.TR		
	Q5308	DTA114EKA-X	DIGITAL.TR		
	Q5901	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5902	2SC2412K/R/-X	TRANSISTOR		
	Q5903	2SD468/BC/-T	TRANSISTOR		
	Q8001	DTC114TKA-X	TRANSISTOR		
	R 1	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 2	NRSA02J-820X	MG RESISTOR	82 5% 1/10W	
	R 3	NRSA02J-560X	MG RESISTOR	V3 /E	
	R 3	NRSA02J-121X	MG RESISTOR	V3/EE	
	R 10	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 12	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 13	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 15	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 16	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 20	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 21	NRSA02J-224X	RES. C.M	220K 5% 1/10W	
	R 22	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 23	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R 24	NRSA02J-271X	MG RESISTOR	270 5% 1/10W	
	R 25	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 26	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R 27	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R 29	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 30	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 31	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 34	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 35	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 36	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R 37	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 38	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 39	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 42	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 43	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 44	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 45	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 46	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 48	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 52	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 54	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 55	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 56	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 57	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 60	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 61	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 65	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 66	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 68	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 69	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 74	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 75	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R3106	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R3107	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R3206	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R3207	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R5101	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5102	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5103	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5105	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5106	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5107	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R5108	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
	R5109	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5110	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5111	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R5112	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R5113	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5115	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R5116	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
	R5122	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R5123	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
	R5124	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5125	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5126	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R5127	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5128	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5129	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5201	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5202	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5203	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5204	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5205	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5206	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5207	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R5208	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
	R5209	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5210	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5211	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R5212	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R5213	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R5214	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5215	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R5216	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
	R5222	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R5223	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
	R5224	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5225	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5226	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R5227	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5228	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5229	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5301	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R5302	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R5303	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5304	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5305	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5306	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R5311	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5312	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5313	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5314	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R5901	NRSA02J-390X	MG RESISTOR	39 5% 1/10W	
	R5902	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5903	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5904	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R5905	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R5906	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R5907	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R5908	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R8001	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R8002	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R8003	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R8004	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R8005	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R8006	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R8007	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R8010	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R8011	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R8201	NRSA02J-432X	RES. C.M	4.3K 5% 1/10W	
	R8301	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R8302	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R8303	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R8304	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R8305	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R8306	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	S8001	QSW0698-001Z	TACT SWITCH	DOOR OP/CL	
	S8002	QSW0698-001Z	TACT SWITCH	CD	
	S8003	QSW0698-001Z	TACT SWITCH	TUNER	
	S8004	QSW0698-001Z	TACT SWITCH	TAPE	
	S8005	QSW0698-001Z	TACT SWITCH	MD/AUX	
	S8006	QSW0698-001Z	TACT SWITCH	B.SEARCH	
	S8007	QSW0698-001Z	TACT SWITCH	STOP/CLR	
	S8008	QSW0698-001Z	TACT SWITCH	F.SEARCH	
	S8010	QSW0698-001Z	TACT SWITCH	POWER	
	S8101	QSW0620-001	SWITCH		

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	S8102	QSW0620-001	SWITCH		
	T 1	QQR0793-001	IFT		
	TU 1	QAU0034-001	FRONT END	V3 /E EN EV B A	
	TU 1	QAU0036-001	FRONT END	V3/EE	
	X 1	QAX0402-001	CRYSTAL		

■Micon Board

BLOCK NO. 07

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN701	QGF1201F3-13	CONNECTOR	TO CD PWB	
	CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN707	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN711	QGF1016C1-07	CONNECTOR	TO FKEY PWB	
	CN712	QGF1008F1-11	CONNECTOR	TO LCD PWB	
	CN714	QGA2001C1-03	3P PLUG ASSY	TO DOOR-SW PWB	
	CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	CN772	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	C7001	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7002	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7003	NCS21HJ-390X	C CAPACITOR	39PF 5% 50V	
	C7004	NCS21HJ-360X	C CAPACITOR	36PF 5% 50V	
	C7005	NCS21HJ-220X	C CAPACITOR	22PF 5% 50V	
	C7006	NCS21HJ-200X	C CAPACITOR	20PF 5% 50V	
	C7007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7008	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7011	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C7012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7013	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C7108	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7109	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7122	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7123	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7125	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7126	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7201	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C7202	QFN41HJ-104	M CAPACITOR	.10MF 5% 50V	
	C7311	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C7312	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7321	QEZ0229-479Z	EDL.CAPACITOR	47000MF	
	C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C7802	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7803	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7804	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7805	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7811	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	D7001	1SS133-T2	DIODE	CLOCK	
	D7201	1SS133-T2	DIODE	US6V2	
	D7202	1SS133-T2	DIODE	US5V	
	D7203	1SS133-T2	DIODE	LCD5V	
	D7204	1SS133-T2	DIODE	BU5V	
	D7205	MTZJ8.2B-T2	DIODE	US6V2	
	D7301	MTZJ5.1C-T2	ZENER DIODE	BUCKUP	
	D7311	1SS133-T2	DIODE	RESET	
	D7321	1SS133-T2	DIODE	BU5V	
	IC701	UPD78056GC-A29	IC	SYSTEM MICON	
	IC702	KIA78S06P-T	IC	US6V REG	
	K7201	QQR0601-001Z	F.BEADS I.M	ICVSS	
	K7202	QQR0601-001Z	F.BEADS I.M	AVSS	
	K7203	QQR0601-001Z	F.BEADS I.M	FKEY	
	L7201	QQL01BK-100Z	INDUCTOR	VDD	
	L7202	QQL01BK-100Z	INDUCTOR	AVDD	
	PP701	QZW0007-001	POST PIN		
	PP702	QZW0007-001	POST PIN		
	Q7001	2SC2668/O/-T	TRANSISTOR	CLOCK SHIFT	

BLOCK NO. 07

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q7002	2SC2668/O/-T	TRANSISTOR	CLOCK SHIFT	
	Q7301	2SC2412K/R/-X	TRANSISTOR	BACKUP CONT	
	Q7311	2SC2412K/R/-X	TRANSISTOR	RESET	
	Q7321	2SA1037AK/R/-X	CHIP TR.C.M	SW5V	
	Q7811	2SC2412K/R/-X	TRANSISTOR	PHOTO BUFFER	
	Q7821	DTC114EKA-X	TR	BL DIMMER	
	Q7822	2SA933S/RS/-T	TRANSISTOR	BL DIMMER	
	R7001	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7002	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7003	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7004	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7005	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7101	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7102	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7103	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7105	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7106	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7107	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7108	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7109	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7110	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7111	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7112	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7113	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7115	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7116	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7117	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7118	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7119	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7120	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7121	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7122	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7123	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7124	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7125	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7126	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7128	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7129	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7130	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7131	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7132	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7133	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7134	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7135	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7136	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7137	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R7138	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7139	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7140	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7141	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7142	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7143	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7144	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	

BLOCK NO. 07

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R7145	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7146	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7147	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7148	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7150	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7151	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7152	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7153	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7154	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7155	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7156	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7301	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7302	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7303	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7304	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7311	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7312	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7313	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7314	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R7315	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7321	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R7322	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7401	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7402	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7403	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7404	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7405	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7406	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7407	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7408	NRSA02J-153X	MG RESISTOR	V3/E EN EV B A	
	R7408	NRSA02J-473X	MG RESISTOR	V3/EE	
	R7409	NRSA02J-203X	MG RESISTOR	20K 5% 1/10W	
	R7410	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7411	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7801	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7802	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7803	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7804	NRSA02J-105X	MG RESISTOR	1.0M 5% 1/10W	
	R7805	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7811	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
	R7812	NRSA02J-394X	RES. C.M	390K 5% 1/10W	
	R7813	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7821	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R7822	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7823	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	X7001	QAX0401-001	CRYSTAL	CLOCK(36.678KHZ	
	X7002	QAX0410-001	CERA LOCK	MAIN CK(4.19MHZ	

■CD Board

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN601	QGF1201F3-13	CONNECTOR		
	CN602	QGF1201F3-10	CONNECTOR		
	CN603	QGF1004F4-18	FPC CONNECTOR		
	CN604	QGA2501C1-03	3P CONNECTOR		
	CN605	QGA1501C3-02	W TO B CONNE	RED	
	CN606	QGA1501C4-02	W TO B CONNE	BLUE	
	CN607	VMC0199-902V	CONNECTOR	WHITE	
	C6001	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6002	QER41CM-106	E CAPACITOR	10MF 20% 16V	
	C6003	NDC21HJ-3R5X	C CAPACITOR		
	C6005	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C6006	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6008	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C6009	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C6010	NCB21HK-273X	C CAPACITOR	.027MF 10% 50V	
	C6011	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C6014	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6015	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6016	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6017	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6018	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6019	NCS21HJ-271X	C CAPACITOR	270PF 5% 50V	
	C6020	NCS21HJ-181X	C CAPACITOR	180PF 5% 50V	
	C6021	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C6022	QER60JM-476Z	E.CAPACITOR	47MF 20% 6.3V	
	C6023	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6028	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6029	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6031	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6032	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6051	NDC21HJ-120X	C CAPACITOR		
	C6052	NDC21HJ-150X	C CAPACITOR		
	C6053	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6055	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6058	NCS21HJ-6R0X	C.CAPA. C.M	6.0PF 5% 50V	
	C6061	NCS21HJ-471X	C CAPACITOR	470PF 5% 50V	
	C6062	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6063	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6064	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6065	NCB21CK-334X	C.CAPA. C.M	.33MF 10% 16V	
	C6071	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6072	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6073	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6075	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6076	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6077	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6080	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6081	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6083	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6095	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6096	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6097	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6098	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C6099	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6101	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6154	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6156	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6157	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6158	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	D6061	1SS355-X	DIODE C.M		
	D6062	1SS355-X	DIODE C.M		
	D6063	1SS355-X	DIODE C.M		
	IC601	AN8806SB-W	IC C.M		
	IC602	BA6897FP-W	IC		
	IC603	MN35510	IC		
	K6051	QQR0779-001Z	INDUCTOR		
	Q6001	2SA1037AK/R/-X	CHIP TR.C.M		
	Q6031	2SA952/LK/-T	TRANSISTOR		
	R6001	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R6002	NRSA02J-225X	MG RESISTOR	2.2M 5% 1/10W	
	R6003	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6005	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6006	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R6007	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6009	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6010	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6012	NRSA02J-103X	RES. C.M	10K 5% 1/10W	
	R6013	NRSA02J-121X	MG RESISTOR	120 5% 1/10W	
	R6014	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R6015	NRSA02J-120X	MG RESISTOR	12 5% 1/10W	
	R6016	NRSA02J-910X	RES. C.M	91 5% 1/10W	
	R6021	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6022	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6023	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6024	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6025	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6026	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6027	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6028	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6029	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6031	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R6032	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6041	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6042	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W	
	R6043	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R6044	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6045	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6046	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6047	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6051	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6052	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6053	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6054	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6055	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6056	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6057	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6058	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6059	NRSA02J-471X	RES. C.M	470 5% 1/10W	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R6060	NRSA02J-471X	RES. C.M	470 5% 1/10W	
	R6061	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6063	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6064	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R6066	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6067	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6068	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6069	NRSA02J-155X	MG RESISTOR	1.5M 5% 1/10W	
	R6071	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6072	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R6076	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6080	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6081	NRSA02J-0R0X	RES. C.M	5% 1/10W	
	R6121	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	W 805	QJL006-021302	SIN CR B-B WIRE		
	W 814	QJK018-031203	SIN CR C-B WIRE		
	W3004	QJK017-052600	SIN CR C-B WIRE		
	W3351	QJP003-042401	SHI CR C-B WIRE		
	W5501	QJK018-020802	SIN CR C-B WIRE		
	X6051	QAX0413-001Z	CRYSTAL		

■Switch Board (UX-V5/UX-V5R/UX-V3)

BLOCK NO. 09

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN 1	QGB2011L1-10	10P PLUG ASSY		
	D 1	1SR139-100-T2	SI DIODE		
	IC 1	SG-105F3-BB/C	PHOTO SENSER		
	P 1	QNZ0104-001	POST PIN		
	SW 1	MXS00220MVL0	CASSETTE SWITCH	R.REC	
	SW 2	MXS00220MVL0	CASSETTE SWITCH	TAPE	
	SW 4	MXS00220MVL0	CASSETTE SWITCH	70U	
	SW 5	MXS00220MVL0	CASSETTE SWITCH	F.REC	
	SW 6	QSW0507-001	SWITCH		

■Preamp Board (UX-V5/UX-V5R/UX-V3)

BLOCK NO. 10

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 101	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C 102	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 103	QEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
	C 104	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
	C 105	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 106	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 107	NCS21HJ-561X	C CAPACITOR	560PF 5% 50V	
	C 108	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 109	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 110	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 111	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 112	NCB21EK-683X	C CAPACITOR	.068MF 10% 25V	
	C 113	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 121	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C 201	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C 202	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 203	QEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
	C 204	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
	C 205	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 206	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 207	NCS21HJ-561X	C CAPACITOR	560PF 5% 50V	
	C 208	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 209	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 210	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 211	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 212	NCB21EK-683X	C CAPACITOR	.068MF 10% 25V	
	C 213	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 221	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C 301	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 302	NCB21HK-393X	C CAPACITOR	.039MF 10% 50V	
	C 303	QEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
	C 304	QEK41CM-226	E CAPACITOR	22MF 20% 16V	
	C 305	QEK41CM-226	E CAPACITOR	22MF 20% 16V	
	C 306	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 307	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 308	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
	C 309	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
	C 310	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 311	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 313	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 314	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C 315	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C 316	QFG32AJ-103Z	PP CAPACITOR	.010MF 5% 100V	
	C 318	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 319	QFG32AJ-821Z	TF CAPACITOR	820PF 5% 100V	
	C 321	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 322	QFG32AJ-152Z	M CAPACITOR	1500PF 5% 100V	
	C 331	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 351	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 371	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 374	QEKJ1AM-107Z	E CAPACITOR	MOTOR +B	
	C 375	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 376	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	CN 31	QGF1205F1-06	CONNECTOR	PRI/HEAD	
	CN 32	QGB2011M1-10	PWB CONECTOR	PRI/MECHA	

BLOCK NO. 10

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN 33	QGF1205F1-09	CONNECTOR	PRI/MICON	
	CN 34	QGF1205F1-10	CONNECTOR	PRI/AMP	
	D 301	MA152WA-X	DIODE		
	D 309	MA704A-X	S.K.DIODE		
	D 375	MA3051/M/-X	ZENER DIODE		
	FW 31	QUM024-06A2Z3	EF FLAT		
	IC 31	BA3126N	IC	HEAD SW	
	IC 32	AN7317	IC	PB&REC	
	IC 33	BU4094BCF-X	IC		
	L 301	QQR0620-001	OSC COIL(BIAS)		
	L 303	QQL01BK-100Z	INDUCTOR		
	Q 101	DTC114TKA-X	TRANSISTOR		
	Q 102	DTC114TKA-X	TRANSISTOR	REC EQ CONT.	
	Q 201	DTC114TKA-X	TRANSISTOR		
	Q 202	DTC114TKA-X	TRANSISTOR	REC EQ CONT.	
	Q 301	DTA144EKA-X	TRANSISTOR	REC EQ CONT.	
	Q 302	2SC2001/K/-T	TR I/M		
	Q 303	2SC2001/K/-T	TR I/M		
	Q 304	2SC2001/LK/-T	TRANSISTOR		
	Q 305	2SC2001/LK/-T	TRANSISTOR		
	Q 306	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 307	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 308	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 309	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 321	DTC144EKA-X	TRANSISTOR		
	Q 323	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 371	2SA952/LK/-T	TRANSISTOR	MOTER+B	
	Q 372	DTC124EKA-X	TRANSISTOR		
	Q 375	2SB562/C/-T	TRANSISTOR	SOLENOID DRIVE	
	Q 376	2SC2412K/RS/-X	CHIP TR.C.M		
	R 101	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R 102	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 103	NRSA02J-242NY	MG RESISTOR	2.4K 5% 1/10W	
	R 104	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R 105	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 106	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 107	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 108	NRSA02J-562X	MG RESISTOR	5.6K 5% 1/10W	
	R 109	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R 110	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 111	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 112	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 113	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 114	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R 116	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 121	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 201	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R 202	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 203	NRSA02J-242NY	MG RESISTOR	2.4K 5% 1/10W	
	R 204	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R 205	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 206	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 207	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 208	NRSA02J-562X	MG RESISTOR	5.6K 5% 1/10W	
	R 209	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	

BLOCK NO. 10

⚠	REF	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 210	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 211	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 212	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 213	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 214	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R 216	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 221	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 301	NRS181J-221X	MG RESISTOR	220 5% 1/8W	
	R 303	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R 304	NRS181J-101X	MG RESISTOR	100 5% 1/8W	
	R 305	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 306	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 310	NRS181J-560X	MG RESISTOR	56 5% 1/8W	
	R 311	NRS181J-560X	MG RESISTOR	56 5% 1/8W	
	R 313	NRSA02J-3R3NY	RES. C.M	3.3 5% 1/10W	
	R 314	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R 315	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R 316	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R 317	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R 319	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R 322	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R 327	NRSA02J-474X	MG RESISTOR	470K 5% 1/10W	
	R 332	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 333	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 335	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R 336	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 337	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 338	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 339	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 340	NRS181J-391X	MG RESISTOR	390 5% 1/8W	
	R 341	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 342	NRSA02J-203X	MG RESISTOR	20K 5% 1/10W	
	R 343	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W	
	R 351	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R 352	NRSA02J-912X	RES. C.M	9.1K 5% 1/10W	
	R 371	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 372	NRSA02J-102X	RES. C M	1.0K 5% 1/10W	
	R 375	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R 376	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	VR 31	QVP0008-503Z	SEMI V RESISTOR	BIAS ADJ	
	VR 32	QVP0008-503Z	SEMI V RESISTOR	BIAS ADJ	
	VR 37	QVP0008-103Z	SEMI V RESISTOR	TAPE SPEED ADJ	

■Packing List

BLOCK NO. M4MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	P 1	QPA02503503P	POLY BAG	FOR INST	1		
	P 2	QPA01202505	POLY BAG		1		
		QPA01503503	POLY BAG	B ONLY	1		
	P 3	QPA01702503P	POLY BAG	FOR AM ANT.	1		
	P 4	QPC06005515P	POLY BAG		1		
	P 5	LV30907-003A	CARTON	V5R	1		
		LV30907-001A	CARTON	V3	1		
		LV30907-002A	CARTON	V5	1		
	P 6	LV10182-001A	CUSHION(TOP)		1		
	P 7	LV10182-002A	CUSHION(BOTTOM)		1		
	P 8	LV20328-001A	SP CUSHION	(TOP)	1		
	P 9	LV20329-001A	SP CUSHION	(BOTTOM)	1		

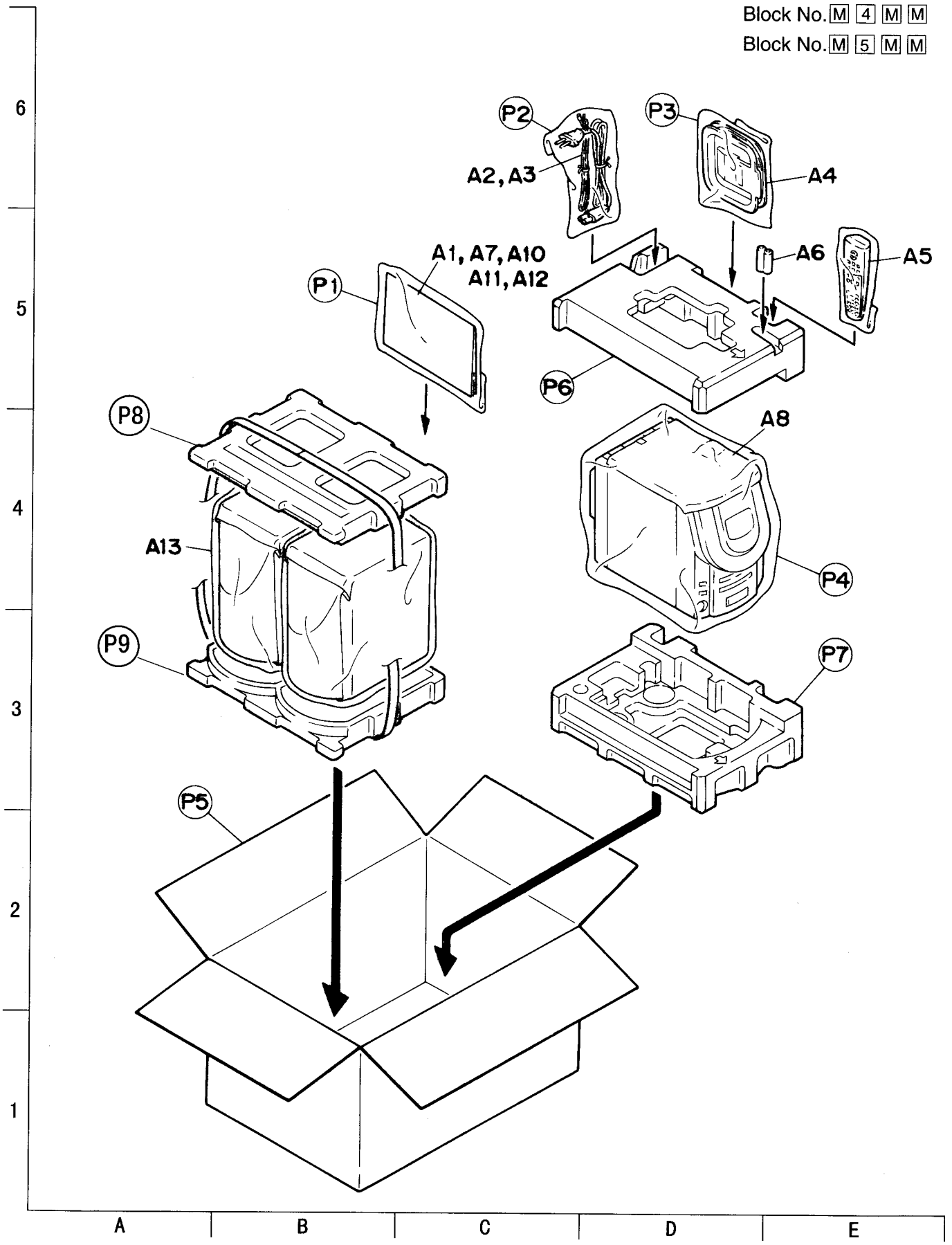
■Accessories List

BLOCK NO. M5MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	A 1	LVT0215-003A	INSTBOOK V5/A	ENG.	1		
		LVT0215-002A	INSTBOOK V3R/EN	SWE.FIN.DAN	1		
		LVT0215-001A	INSTBOOK V3R/E	ENG.GER.FRE.	1		
		LVT0215-003A	INSTBOOK V3R/B	ENG.	1		
		LVT0215-002A	INSTBOOK V3R/EN	GER.FRE.DUT.	1		
		LVT0215-001A	INSTBOOK V3R/E	DUT.SPA.ITA	1		
		LVT0211-005A	INSTBOOK V5R/EV	ENG.POL.HUN.CZE	1		
		LVT0215-003A	INSTBOOK V3R/A	ENG.	1		
		LVT0211-001A	INSTBOOK V5R/E	DUT.SPA.ITA.	1		
		LVT0211-001A	INSTBOOK V5R/E	ENG.GER.FRE.	1		
		LVT0211-004A	INSTBOOK V5R/EE	RUS	1		
		LVT0211-003A	INSTBOOK V5R/B	ENG.	1		
		LVT0215-005A	INSTBOOK V3R/EV	ENG.POL.HUN.CZE	1		
		LVT0215-004A	INSTBOOK V3R/EE	UX-V3 EE	1		
		LVT0211-002A	INSTBOOK V5R/EN	SWE.FIN.DAN.	1		
		LVT0211-002A	INSTBOOK V5R/EN	GER.FRE.DUT.	1		
⚠	A 2	QMP25D0-183	POWER CORD	A	1		
⚠		QMPL080-183-JC	POWER CORD	E.EE.EN.EV	1		
⚠		QMP5520-183E	POWER CORD	B	1		
	A 3	EWP503-001C	ANT.WIRE	FM ANT	1		
	A 4	QAL0014-001	AM LOOP ANT	AM ANT	1		
	A 5	RM-RXUV3	REMOCON UNIT	V5	1		
		RM-RXUV5R	REMOCON UNIT	V5R	1		
		RM-RXUV3	REMOCON UNIT	V3	1		
	A 6	R6SPTT/2STA	BATTERY		2		
	A 7	BT-56001-2	W.CARD	V5/A V3/A	1		
		BT-54008-2	W.CARD	B.E.EN	1		
		BT-54012-1	W.CARD	EE EV ONLY	1		
	A 8	LV41088-001A	CAUTION SHEET		1		
	A 10	E43486-340B	SAFETY INST	B ONLY	1		
	A 11	BT-56002-2	SVC SENTER LIST	V5/A V3/A	1		
	A 12	VNA3000-202	REGISTER CARD	B ONLY	1		
	A 13	UXV3K-SPBOX	SPEAKER BOX	UX-V3	2		
		UXV5RK-SPBOX	SPEAKER BOX	UX-V5R V5	2		

Packing Materials and Accessories Parts List

Block No. M 4 M M
Block No. M 5 M M



PARTS LIST

[UX-V5 / UX-V3 / FS-V5]

* All printed circuit boards and its assemblies are not available as service parts.

Areas suffix
UX-V5

UB ---------- Hong Kong
US ---------- Singapore
UT ---------- Taiwan
UX ---------- Saudi Arabia

Areas suffix
UX-V3

UB ---------- Hong Kong
US ---------- Singapore
UT ---------- Taiwan
UX ---------- Saudi Arabia
UF ---------- China

Areas suffix
FS-V5

J ---------- U.S.A.

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■Parts List (General Assembly)

BLOCK NO. M1MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	1	LV10170-001A	FRONT PANEL	V3	1		
		LV10170-005A	FRONT PANEL	FS-V5	1		
		LV10170-004A	FRONT PANEL	V5	1		
	2	LV40735-001A	REMOTE LENS		1		
	3	LV20303-004A	FRONT BUTTON	V5 FS-V5	1		
		LV20303-001A	FRONT BUTTON	V3	1		
	4	QYSBSF3008Z	SCREW	F.PANEL+BUTTON	5		
	5	LV20305-001A	FRONT PLATE(MD)	V3	1		
		LV20305-003A	FRONT PLATE(MD)	V5 FS-V5	1		
	6	QYSBSF3008Z	SCREW	F.PANEL+F.PLATE	1		
	7	E65923-003	TAPPING SCREW	F.PANEL+HP JACK	1		
	8	LV40954-001A	FOOT		2		
	9	QYSBSF3008Z	SCREW	CHASSIS+PWB BKT	4		
	10	LV30064-042A	SPACER	CHASSIS+PWB BKT	1		
	11	QYSBST3006Z	TH TAP SCREW	PWB BKT+PWB	4		
	12	LV20306-002A	CD DOOR	V5	1		
		LV20306-001A	CD DOOR	V3	1		
		LV20306-004A	CD DOOR	FS-V5	1		
	13	LV41105-001A	BLIND		1		
	14	PQ42376-001	JVC MARK		1		
	15	LV40743-002A	LCD LENS	V5 FS-V5	1		
		LV40743-001A	LCD LENS	V3	1		
	16	LV30860-001A	LCD HOLDER		1		
	17	LV30064-043A	SPACER		1		
	18	LV40737-001A	LENS	LCD BACKLIGHT	1		
	19	LV40739-001A	SHEET		1		
	20	LV20307-001A	DOOR COVER		1		
	21	LV20308-002A	CD DOOR LENS	V5 FS-V5	1		
		LV20308-001A	CD DOOR LENS	V3	1		
	22	QYSDSF2008M	SCREW	DOOR+COVER	3		
	23	LV40744-001A	SOCKET BOLT	DOOR+LENS	2		
	24	LV30858-001A	PWB BRACKET(L)	FOR MAICOM PWB	1		
	25	LV30859-001A	PWB BRACKET(R)	FOR MAICOM PWB	1		
	26	LV41002-001A	SHAFT	DOOR+CASE	1		
	27	LV41003-001A	DOOR SUPPORTER		1		
	28	QYSBSF3008Z	SCREW	F.PANEL+CD UNIT	2		
	29	LV10173-001A	BOTTOM CHASSIS		1		
	30	VKZ4001-016	WIRE HOLDER		1		
	31	QYSBST4006Z	SCREW	B.CHASI+TRANS	4		
	32	QHX5080-001	WIRE CLAMP		1		
	33	LV30861-001A	JACK HOLDER	FS-V5	1		
		LV30861-002A	JACK HOLDER	V5/V3	1		
	34	QYSBST3006Z	TH TAP SCREW	J.HOL.+BTM.CHAS	1		
	35	----------	CASSETTE MECHA		1		
	36	VKL7850-002	EJECT SAFTY(R)		1		
	37	VKW5258-002	TORSION SPRING		1		
	38	VYH3965-001	SIDE BRACKET(R)		1		
	39	QYSDST3008Z	SCREW	MECHA+S.BKT.	1		
	40	VYH8146-012	EJECT ARM(R)		1		
	41	VKW3006-230	TORSION SPRING		1		
	42	VKZ4341-004	SPECIAL SCREW	E.ARM+S.BKT.	1		
	43	LV31009-001A	HEAD SHIELD		1		
	44	QYSBSF2606Z	SCREW		2		
	45	LV10174-005A	TOP COVER(TD)	V5	1		

BLOCK NO. M1MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
		LV10174-001A	TOP COVER(TD)	V3	1		
		LV10174-015A	TOP COVER(TD)	FS-V5	1		
	46	LV20311-001A	CASSETTE DOOR	V3	1		
		LV20311-002A	CASSETTE DOOR	V5 FS-V5	1		
	47	LV40851-001A	CASS.DOOR LENS	V3	1		
		LV40851-002A	CASS.DOOR LENS	V5 FS-V5	1		
	48	VKY4180-001	CASSETTE SPRING		2		
	49	VYH7366-001MM	GEAR		1		
	50	VKW5277-001	DOOR SPRING (R)		1		
	51	LV40745-002A	EJECT KNOB	V5 FS-V5	1		
		LV40745-001A	EJECT KNOB	V3	1		
	52	LV30863-001A	TOP BUTTON	V3	1		
		LV30863-003A	TOP BUTTON	V5 FS-V5	1		
	53	QYSBSF3008Z	SCREW	T.PANEL+T.BUTTO	4		
	54	VYSA1R4-056	SPACER	T.PANEL+T.BUTTO	1		
	55	QYSBSF3012Z	SCREW	T.PANEL+C.MECHA	4		
	59	QYSSSF3008Z	SCREW	T.PANEL+F.PANEL	2		
	60	LV30864-001A	IC HOLDER		1		
	61	QYSBSF3010Z	SCREW	IC+IC HOLDER	3		
	62	LV30865-001A	HEAT SINK 1		1		
	63	QYSBSF3010Z	SCREW	IC HOL.+H.SINK1	2		
	64	QYSBST3006Z	TH TAP SCREW	B.CHASI+AMP PWB	1		
	65	LV30866-001A	HEAT SINK 2		1		
	66	QYSBSF3010Z	SCREW	IC+HEAT SINK 2	2		
	67	QYSBSF3010Z	SCREW	H.SINK1+H.SINK2	3		
	69	QYSBSF3010Z	SCREW	J.HOLDER+REG PW	1		
	70	LV40746-001A	EARTH PLATE		1		
	71	QYSBST3006Z	TH TAP SCREW	B.CHASI+TU/FUN	1		
	72	LV10176-002A	SIDE PANEL(L)	V5 FS-V5	1		
		LV10176-001A	SIDE PANEL(L)	V3	1		
	73	LV10177-002A	SIDE PANEL(R)	V3	1		
		LV10177-002A	SIDE PANEL(R)	V5 FS-V5	1		
	74	LV10178-004A	REAR PANEL	V5/UB/UX/US/UT	1		
		LV10178-003A	REAR PANEL	FS-V5	1		
		LV10178-005A	REAR PANEL	UX-V5/UF	1		
		LV10178-008A	REAR PANEL	V3	1		
	75	LV40954-001A	FOOT		2		
	76	QYSBSF3010N	TAP SCREW		6		
	77	QYSBST3006N	T.SCREW	B.CHASSIS+R.PAN	1		
	78	QYSSST3010Z	SCREW	BTM.+SIDE+PANEL	4		
	79	LV30913-006A	NAME PLATE	UX-V3/UB	1		
		LV30913-007A	NAME PLATE	UX-V3/UT	1		
		LV30913-008A	NAME PLATE	UX-V3/UX	1		
		LV30919-002A	NAME PLATE	FS-V5	1		
		LV30919-004A	NAME PLATE	UX-V5/UT	1		
		LV30919-005A	NAME PLATE	UX-V5/UX	1		
		LV30919-007A	NAME PLATE	UX-V5/UF	1		
		LV30919-001A	NAME PLATE	UX-V5/UB/US	1		
	80	VND4118-004	CAUTION LABEL		1		
	82	LV40231-001A	CAUTION LABEL	V5/V3	1		
⚠	83	QMF51E2-6R3-J1	FUSE	F1902 V5/V3	1		
⚠		QMF51U1-8R0-J1	FUSE	F1902 FS-V5	1		
⚠	84	QMF51N2-1R0-J1	FUSE	F1901 FS-V5	1		
⚠		QMF51E2-1R0-J1	FUSE	F1901 V5/V3	1		

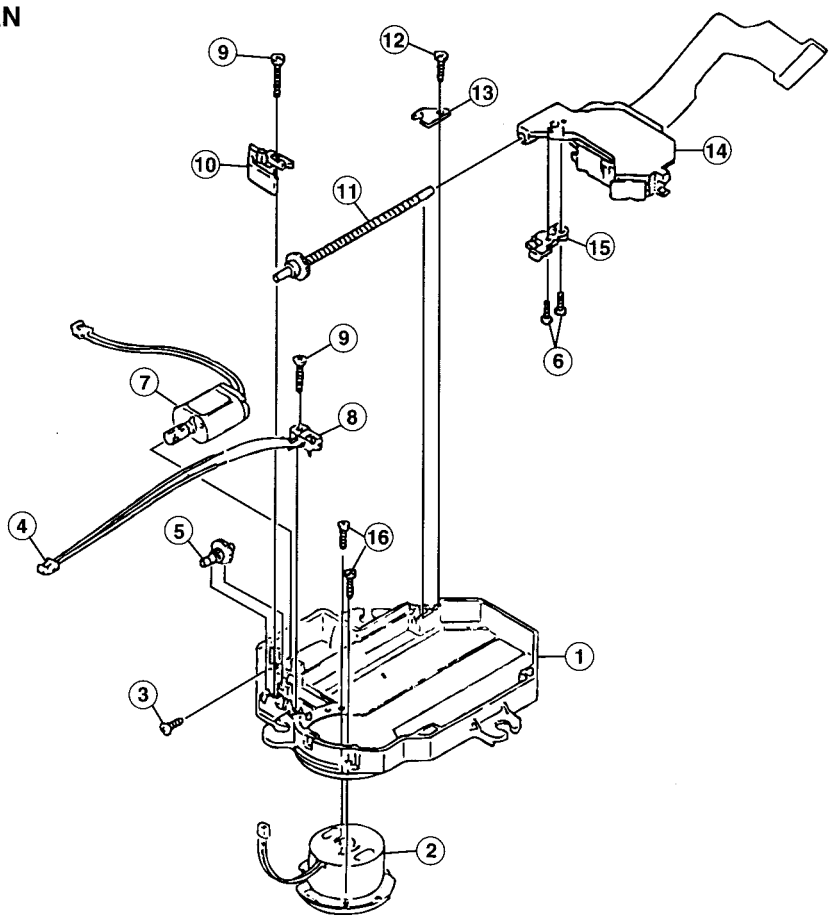
BLOCK NO. M1MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	86	LV40736-001A	BADGE	V3	1		
		LV40736-002A	BADGE	V5 FS-V5	1		
	92	QUQ810-0712AJ	FFC WIRE	FRONT KEY - MIC	1		
	93	QUQB12-1026CJ	FFC WIRE	CD - FUNC	1		
	94	QUQB12-1306CJ	CARD WIRE	CD - MICOM	1		
	95	QUQ810-1109AJ	FFC WIRE	LCD - MICOM	1		
	96	QUQB12-1024CJ	FFC WIRE	SLC - FUNC	1		
	97	QUQB12-0924CJ	FFC WIRE	SLC - FUNC	1		
	98	QJN004-033001	SHI CR C-C WIRE	OPT-OUT SHIELD	1		
	100	WJM0079-001A	E-SI C WIRE C-F	MOTOR WIRE	1		
	101	VYH8064-001	WEIGHT		1		
	102	LV40770-002A	INSULATOR		3		
	103	LV30064-038A	SPACER		1		
	104	LV30064-045A	SPACER		1		
	105	LV10171-002A	CD CASE		1		
	106	E75609-002	INSULATOR	FOR CD CASE	1		
	107	LV10172-001A	CD CHASSIS		1		
	108	LV30064-044A	SPACER		1		
	109	LV40738-001A	GEAR1		1		
	110	LV40740-002A	GEAR 2		1		
	111	VKB3000-183	BELT		1		
	112	VYH7699-001SS	PULLEY		1		
	113	QAR0100-001	DC MOTOR		1		
	114	QYSPSP3004Z	SCREW	CHASSIS+MOTOR	2		
	115	QYSBSF3010Z	SCREW	CHASSIS+CASE	4		
	116	E65923-003	TAPPING SCREW	CHASI+O/C SW.PW	1		
	117	----------	CD MECHA		1		
	118	LV40987-001A	SHIELD PLATE		1		
	120	LV30064-046A	SPACER		1		
	121	VXL4442-001	VOLUME KNOB	V5/V3	1		
	122	QYSBSF3010N	TAP SCREW	UB/US/UX/UT	1		
⚠	T1901	QQT0248-004	POWER TRANS	V5/V3	1		
		QQT0248-002	POWER TRANS	FS-V5	1		

CD Mechanism Assembly and Parts List

Block No. M 2 M M

KSM-33AAN

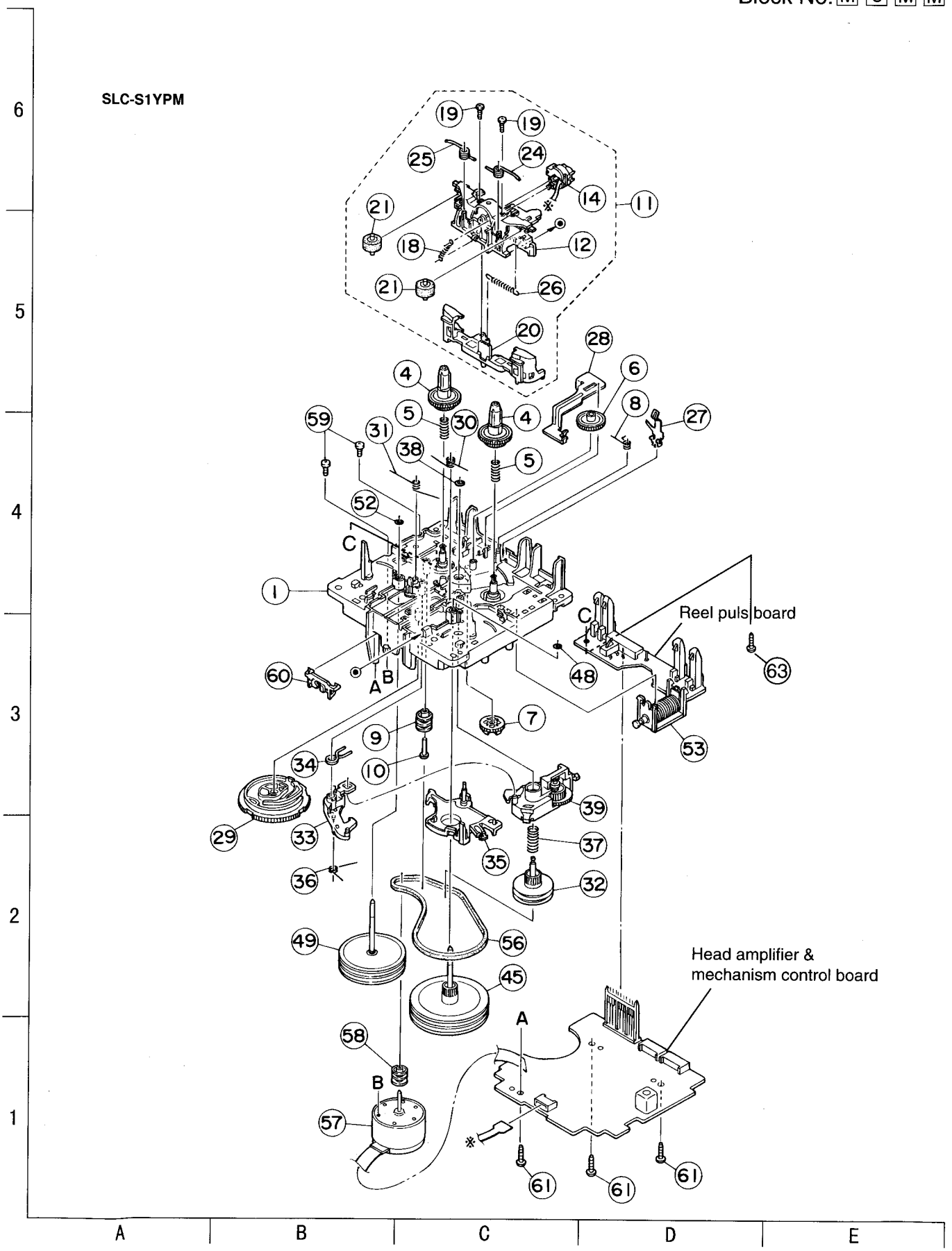


■CD Mechanism Assembly Parts List

⚠	Item	Parts Number	Parts Name	Q'ty	Description	Area
	1	2-625-415-05	CHASSIS	1		
	2	X-2625-485-1SA	MOTOR ASS'Y	1		
	3	3-732-988-01	SCREW	1		
	4	1-948-418-21	HARNESS	1		
	5	2-625-410-01	GEAR(B)	1		
	6	7-627-852-17	SCREW	2	FOR RACK	
	7	X-2625-171-2	FEED MOTOR ASS'Y	1		
	8	1-570-771-11	SWITCH	1		
	9	2-625-623-11	SCREW	2	FOR SWITCH	
	10	2-625-412-02	LEAF SPRING	1		
	11	X-2625-483-1	SHAFT GEAR	1		
	12	2-625-623-01	SCREW	1	SHAFT GEAR	
	13	2-625-411-01	GEAR GUIDE	1		
	14	8-848-289-31SA	OPTICAL PICK UP	1		
	15	2-625-414-02	RACK	1		
	16	7-627-852-18	SCREW	2	FOR MOTOR	

Cassette Mechanism Assemblv and Parts List

Block No. M 3 M M



■ Parts List (Cassette Mechanism)

BLOCK NO. M3MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	1	VKS1165-00G	CHASSIS B.ASS'Y		1		
	4	VKS2274-002	REEL GEAR		2		
	5	VKW5286-002	B.T. SPRING		2		
	6	VKS5559-001	PLAY IDLE GEAR		1		
	7	VKS5597-00A	FR GEAR ASS'Y		1		
	8	VKW5296-001	EARTH SPRING		1		
	9	VKR4749-002	IDLE PULLEY		1		
	10	VKH5786-002	SHAFT		1		
	11	VKS2275-00C	HEAD MOUNT ASSY		1		
	12	VKS1167-001	HEAD MOUNT BASE		1		
	14	VGH0425-544	R/P&E HEAD	VKS2275-00B	1		
	18	VKW5302-001	HEAD SPRING		1		
	19	VKZ4730-001	SPECIAL SCREW		2		
	20	VKS2277-005	DIRECTION LEVER		1		
	21	VKP4233-00A	PINCH ROL. ASSY		2		
	24	VKW5299-002	PIN ROL.SP.(R)		1		
	25	VKW5300-002	PIN ROL.SP.(L)		1		
	26	VKW5285-001	RETURN SPRING		1		
	27	VKY3149-002	CASSETTE SP.		1		
	28	VKM3906-002	PLAY SW LEVER		1		
	29	VKS1166-003	CONTROL CAM		1		
	30	VKW5279-001	HEAD BASE SP(R)		1		
	31	VKW5280-001	HEAD BASE SP(L)		1		
	32	VKS5603-00D	MAIN PULLEY ASY		1		
	33	VKS3785-001MM	FR ARM		1		
	34	VKW5284-002	SWING SPRING		1		
	35	VKS2278-003	TRIGGER ARM		1		
	36	VKW5301-001	FR SPRING		1		
	37	VKW5266-001	ELEVATOR SPRING		1		
	38	WDL214025	WASHER		1		
	39	VKS3786-00G	CLUTCH ASS'Y		1		
	45	VKF3205-00B	F.WHEEL ASSY(R)		1		
	48	WDL183425	SLIT WASHER		1		
	49	VKF3207-00B	F.WHEEL ASSY(L)		1		
	52	WDL173525-6	SLIT WASHER		1		
	53	VKZ3174-00A	DC SOLENOID		1		
	56	VKB3000-181	CAPSTAN BELT		1		
	57	MSI-5U2LWA	D.C.MOTOR ASS'Y		1		
	58	VKR4761-001	MOTOR PULLEY		1		
	59	QYSPSP2604Z	SCREW		2		
	60	VKS5577-001	FPC HOLDER		1		
	61	QYSBSF2608Z	T.SCREW	FOR P.W.B.	3		
	63	QYSBSF2006Z	SCREW		1		

Electrical Parts List

■Main Board (UX-V5/UX-V3R)

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN195	QGB2016J1-15	CONNECTOR		
	CN196	VMC0289-S12	CONNECTOR		
⚠	CN197	VMZ0076-002	CONNECTOR		
⚠	CN199	QGA7901C1-04	CONNECTOR		
⚠	CN301	QGB2016K1-15	B TO B CONNE	POWER PWB	
	CN304	QGA2501C3-05Z	CONNECTOR	HEADPHONE	
	CN308	EMV5111-002	2P CONNECTOR	CD DOOR	
⚠	CN311	QNB0092-001	SPK TERMINAL	SPEAKER	
	CN371	QGB1214K1-12S	CONNECTOR	MICOM TOP	
	CN372	QGB1214K1-12S	CONNECTOR	MICOM BOT	
	C1301	QET41CM-106	E CAPACITOR	10MF 20% 16V	
	C1302	QET41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C1303	QETN1HM-104Z	E CAPACITOR	.10MF 20% 50V	
	C1304	QET41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C1305	QCS11HJ-390	C CAPACITOR	39PF 5% 50V	
	C1306	QET41CM-226	E CAPACITOR	22MF 20% 16V	
	C1307	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C1308	QET41CM-226	E CAPACITOR	22MF 20% 16V	
	C1309	QET41CM-226	E CAPACITOR	22MF 20% 16V	
⚠	C1901	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1902	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1903	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1904	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1910	QDYB1CM-103Y	ABCAPACITOR		
	C1911	QTE1C03-106Z	E CAPACITOR		
	C1912	QTE1E06-476Z	E CAPACITOR		
	C1916	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1917	QETC1CM-106Z	E CAPACITOR	10MF 20% 16V	
⚠	C3001	QETM1EM-828	E CAPACITOR	8200MF 20% 25V	
	C3002	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C3003	QETC1EM-107Z	E CAPACITOR	100MF 20% 25V	
	C3004	QTE1A28-337Z	E.CAPACITOR		
	C3005	QETC1EM-336Z	E CAPACITOR	33MF 20% 25V	
	C3006	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C3007	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C3101	QTE1C03-106Z	E CAPACITOR		
	C3103	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3104	QDX31EM-104Z	C CAPACITOR		
	C3105	QDX31EM-104Z	C CAPACITOR		
	C3121	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3122	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3125	QTE1A03-226Z	E CAPACITOR		
	C3126	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3152	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3153	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3154	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	
	C3157	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3158	QTE1C03-106Z	E CAPACITOR		
	C3201	QTE1C03-106Z	E CAPACITOR		
	C3203	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3204	QDX31EM-104Z	C CAPACITOR		
	C3205	QDX31EM-104Z	C CAPACITOR		
	C3221	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3222	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3225	QTE1A03-226Z	E CAPACITOR		

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C3226	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3252	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3253	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3254	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	
	C3257	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3258	QTE1C03-106Z	E CAPACITOR		
	C3301	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C3321	QETC1EM-476Z	E CAPACITOR	47MF 20% 25V	
	C3322	QTE1E03-226Z	E CAPACITOR		
	C3331	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C3332	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C3333	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3334	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3335	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C3336	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C3351	QETC1EM-107Z	E CAPACITOR	100MF 20% 25V	
	C3353	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C3354	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C3355	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C3356	QTE1C28-106Z	E.CAPA. I.M		
	C3357	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C3801	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3802	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3803	QFV41HJ-103	TF CAPACITOR	.010MF 5% 50V	
	C3804	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3805	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C3901	QETC1EM-476Z	E CAPACITOR	47MF 20% 25V	
	C3902	QDYB1CM-103Y	ABCAPACITOR		
	C3903	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3904	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3931	QETC1EM-107Z	E CAPACITOR	100MF 20% 25V	
	C3951	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3952	QER61EM-226Z	E.CAPA. I.M	22MF 20% 25V	
	C3999	QCBB1HK-151Y	C CAPACITOR	FTZ	
	D1301	1SS133-T2	DIODE	MIC	
	D1302	1SS133-T2	DIODE	MIC	
⚠	D1901	D5SBA20-S1	SI DIODE	ANALOG	
	D1908	MTZJ4.3B-T2	ZENER DIODE	CD6V	
⚠	D1913	MTZJ6.8B-T2	DIODE	US5V	
	D3321	MTZJ5.1A-T2	ZENER DIODE		
	D3331	1SS133-T2	DIODE		
	D3332	1SS133-T2	DIODE		
	D3333	1SS133-T2	DIODE		
	D3334	1SS133-T2	DIODE		
	D3801	DSK10C-T1	DIODE		
	D3901	1SS133-T2	DIODE		
	D3902	MTZJ10A-T2	ZENER DIODE		
	D3903	MTZJ5.6C-T2	ZENER DIODE		
	D3931	MTZJ11A-T2	Z.DIODE I.M		
	D3932	1SS133-T2	DIODE		
	D3951	MTZJ6.8A-T2	ZENER DIODE		
	D3952	MTZJ10A-T2	ZENER DIODE		
	EP301	QNZ0136-001Z	EARTH PLATE		
	IC131	NJM4580L	IC	MIC	
⚠	IC191	UPC78L05J-T	IC	US5V	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
⚠	IC301	LA4705NA	IC	POWER AMP	
	IC302	NJM4580L-D	IC	AHB AMP	
	IC305	BH3852S	IC	E VOL	
	IC308	TA8409S	IC		
	J1301	QNS0032-001	JACK	MIC	
⚠	J1901	QNC0006-001	AC SOCKET		
	K3801	QQR0779-001Z	INDUCTOR		
⚠	LF191	QQR0799-001	INDUCTOR		
	L3801	QQL25CK-221Z	INDUCTOR		
	Q1301	2SC2785/FE/-T	TRANSISTOR	MIC	
	Q1302	2SC2785/FE/-T	TRANSISTOR	MIC	
⚠	Q1901	2SA1359/OY/	TRANSISTOR	CD6V	
	Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V	
	Q3101	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3131	2SC2785/FE/-T	TRANSISTOR		
	Q3201	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3231	2SC2785/FE/-T	TRANSISTOR		
	Q3301	DTA143ES-T	TR I/M		
	Q3801	2SC2785/FE/-T	TRANSISTOR		
⚠	Q3901	2SB941/P/	TRANSISTOR		
	Q3902	2SA1175/HFE/-T	TRANSISTOR		
	Q3903	2SC2785/FE/-T	TRANSISTOR		
	Q3904	KRC114M-T	TRANSISTOR		
	Q3905	DTA144TSA-T	D.TRANSISTOR		
	Q3906	2SC2785/FE/-T	TRANSISTOR		
⚠	Q3931	2SC2001/LK/-T	TRANSISTOR		
	Q3951	2SA965/OY/-T	SI.TRANSISTOR	UT	
⚠	Q3951	2SB562/BC/-T	TRANSISTOR		
	Q3952	KTC3199/GL/-T	TRANSISTOR		
	R1301	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1303	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	
	R1304	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1305	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1306	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R1307	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1308	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R1309	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1310	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R1311	QRE141J-564Y	C RESISTOR	560K 5% 1/4W	
	R1312	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R1313	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1314	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R1315	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R1316	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R1317	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1318	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R1902	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R1903	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1904	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R1922	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R3001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3102	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3104	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3105	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R3122	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3123	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3124	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3125	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3127	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3128	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3129	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3131	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3132	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3133	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3152	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3153	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3155	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3156	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3202	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3204	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3205	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
	R3222	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3223	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3224	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3225	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3227	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3228	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3229	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3231	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3232	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3233	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3252	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3253	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3255	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3256	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3321	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3322	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3331	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3332	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3333	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3334	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3335	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3336	QRE141J-513Y	C RESISTOR	51K 5% 1/4W	
	R3351	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3352	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3353	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3354	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3355	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3801	QRJ146J-151X	C RESISTOR	150 5% 1/4W	
	R3802	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3803	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R3804	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R3805	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R3806	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
⚠	R3901	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3902	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3903	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3904	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
	R3905	QRE141J-471Y	C RESISTOR	470 5% 1/4W	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R3906	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R3907	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R3908	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R3909	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3910	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3911	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3912	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3913	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3914	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3915	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3916	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3917	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R3918	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3919	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3920	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3921	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3931	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
⚠	R3951	QRZ9006-6R8X	F RESISTOR	FS-V5	
	R3952	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3953	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3954	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5501	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5502	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5503	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R5504	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R5505	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5506	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R5507	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R5508	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R9701	QRZ9006-4R7X	F RESISTOR	US6V F RES *-V3	
⚠	S1901	VMZ0126-003	VOLTAGE SELCTOR	V5/UB/US/UX/UT	
	S5501	QSW0698-001Z	TACT SWITCH	REC	
	S5502	QSW0698-001Z	TACT SWITCH	REV.MODE	
	S5504	QSW0698-001Z	TACT SWITCH	SLEEP	
	S5505	QSW0698-001Z	TACT SWITCH	CLOCK	
	S5506	QSW0698-001Z	TACT SWITCH	TIMER	
	S5507	QSW0698-001Z	TACT SWITCH	VOL.UP	
	S5508	QSW0698-001Z	TACT SWITCH	VOL.DOWN	
	S5509	QSW0698-001Z	TACT SWITCH	AHB	
	VR131	QVQ0112-B24	V RESISTOR	MIC	
⚠	Z1901	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1902	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1903	QNG0020-001Z	FUSE CLIP	FOR F1902	
⚠	Z1904	QNG0020-001Z	FUSE CLIP	FOR F1902	

■Function/Tuner Board (UX-V5/UX-V3R)

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 1	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 3	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 4	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 5	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 8	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 9	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 21	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 23	NCS21HJ-3R0X	C CAPACITOR	3.0PF 5% 50V	
	C 30	QEK61CM-476Z	E CAPACITOR	47MF 20% 16V	
	C 31	NCS21HJ-2R0X	C CAPACITOR	2.0PF 5% 50V	
	C 32	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 33	QEK61AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 34	NCS21HJ-150X	C CAPACITOR	15PF 5% 50V	
	C 35	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 36	QEK61CM-106Z	E CAPACITOR	10MF 20% 16V	
	C 37	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 39	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 40	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 41	QEK61HM-104Z	E CAPACITOR	.10MF 20% 50V	
	C 42	QEK61HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C 44	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 45	QEK61HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C 46	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 47	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 49	NCB21HK-153X	C CAPACITOR	.015MF 10% 50V	
	C 50	NCB21HK-153X	C CAPACITOR	.015MF 10% 50V	
	C 51	QEK61HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 52	QEK61HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 55	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 60	QEK61AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 61	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 62	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 63	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 65	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 66	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C 67	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 68	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C 69	QEK61HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C 70	NCB21HK-392X	C CAPACITOR	3900PF 10% 50V	
	C 71	QEK61HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C 72	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 80	NCS21HJ-8R0X	C CAPACITOR	8.0PF 5% 50V	
	C 81	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 82	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 83	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 84	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 85	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 86	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 90	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 91	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 92	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 93	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C 94	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 95	NCS21HJ-102X	C CAPACITOR	1000PF 5% 50V	
	C 96	NCS21HJ-8R0X	C CAPACITOR	8.0PF 5% 50V	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 97	NCS21HJ-4R0X	C CAPACITOR	4.0PF 5% 50V	
	C 99	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	CF 1	QAX0419-001Z	C FILTER		
	CF 2	QAX0419-001Z	C FILTER		
	CF 3	QAX0418-001Z	C FILTER		
	CF 4	QAX0409-001	CERA LOCK		
	CN 43	QGF1201F3-09	CONNECTOR	CT	
	CN 44	QGF1201F3-10	CONNECTOR	CT	
	CN501	QGA2001F1-04	4P PLUG ASSY	MD6P	
	CN502	QGF1201C3-10	CONNECTOR	VCD12P	
	CN503	VMC0289-F12	CONNECTOR		
	CN504	QGA2501F1-03	CONNECTOR		
	CN506	QGB1214J1-12S	CONNECTOR		
	CN507	QGB1214J1-12S	CONNECTOR		
	CN508	QGA2001F1-02	2P CONNECTOR		
	CN811	QGF1016F1-07	CONNECTOR		
	CN812	QGF1008F1-11	CONNECTOR		
	C3108	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C3208	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C5101	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5102	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5103	QTE1H06-475Z	E CAPACITOR		
	C5105	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5106	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5107	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5108	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5109	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5110	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5201	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5202	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5203	QTE1H06-475Z	E CAPACITOR		
	C5205	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5206	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5207	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5208	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5209	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5210	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5301	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5302	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5303	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5304	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5307	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C5308	QER41CM-226	E CAPACITOR	22MF 20% 16V	
	C5309	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5311	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5312	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5313	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C5315	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5901	QER41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C5902	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C5903	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C8001	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C8002	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C8201	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C8202	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	D 1	1SS133-T2	DIODE		
	D 2	1SS133-T2	DIODE		
	D 3	1SS133-T2	DIODE		
	D 4	1SS133-T2	DIODE		
	D 5	1SS133-T2	DIODE		
	D 6	1SS133-T2	DIODE		
	D 20	SVC344-T	VARI CAP		
	D 20	KV1555N-T	VARI CAP	V3/UT	
	D 21	KV1555N-T	VARI CAP	V3/UT	
	D 21	SVC344-T	VARI CAP		
	DI801	QLD0079-001	LCD MODULE		
	D5301	MTZJ3.3B-T2	ZENER DIODE I/M		
	D5302	1SS133-T2	DIODE	AUX MUTE	
	D5303	1SS133-T2	DIODE	SEIDENKI	
	D5304	1SS133-T2	DIODE	SEIDENKI	
	D5901	MTZJ3.9B-T2	Z DIODE		
	D5902	1SS133-T2	DIODE		
	D5903	1SS133-T2	DIODE		
	D5905	MTZJ9.1A-T2	ZENER DIODE	CT	
	D5906	1SS133-T2	DIODE	CT	
	D8001	SPR-39MVWF	LED	RED	
	D8003	1SS133-T2	DIODE		
	D8301	SELU1E56BM	LED	V3	
	D8301	TLYH156P	LED	V5	
	D8302	TLYH156P	LED	V5	
	D8302	SELU1E56BM	LED	V3	
	D8303	SELU1E56BM	LED	V3	
	D8303	TLYH156P	LED	V5	
	EP501	QNZ0136-001Z	EARTH PLATE		
	IC 1	TA2057N	IC		
	IC 2	LC72136N	IC		
	IC531	BA15218F-W	IC		
	IC801	RPM6938-V4	RM.RECEIVER		
	J 1	QNB0008-001	ANT TERMINAL	AM/FM ANT	
	J3004	QNS0032-001	JACK		
	J5301	QNN0306-001	4PIN JACK ASSY	A5MD 2P	
	J5701	GP1F32T	OPTICAL JACK	MD 32R	
	K3106	QQR0779-001Z	INDUCTOR		
	K3206	QQR0779-001Z	INDUCTOR		
	K5301	QQR0779-001Z	INDUCTOR		
	K5302	QQR0779-001Z	INDUCTOR		
	K5303	QQR0779-001Z	INDUCTOR		
	K5307	QQR0779-001Z	INDUCTOR	CD AG	
	L 1	QQR0796-001	COIL BLOCK	MW RF/OSC	
	L 4	QQL231K-221Y	INDUCTOR		
	L 5	QQL231K-220Y	INDUCTOR		
	L 6	QQR0792-001	OSC COIL	SW1 OSC	
	L 7	QQR0791-001	RF COIL	SW2 RF	
	L 8	QQR0791-001	RF COIL	SW2 OSC	
	L 10	QQR0874-001	COIL		
	L 11	QQR0874-001	COIL		
	L 12	QQL231K-221Y	INDUCTOR		
	LF511	QQR0590-001	FILTER		
	LF521	QQR0590-001	FILTER		
	L3106	QQL231K-470Y	INDUCTOR		

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	L3206	QQL231K-470Y	INDUCTOR		
	L3301	QQL29BJ-470Z	INDUCTOR	FTZ	
	PP531	QZW0007-001	POST PIN		
	PP532	QZW0007-001	POST PIN		
	PP533	QZW0007-001	POST PIN		
	Q 1	2SC2668/O/-T	TRANSISTOR TAPE		
	Q 2	DTA114TKA-X	DIGITAL.TR	SW1 SWITCH	
	Q 3	DTA114TKA-X	DIGITAL.TR	MW SWITCH	
	Q 6	DTA114YKA-X	TRANSISTOR		
	Q 7	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 8	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 12	2SD2144S/VW/-T	TRANSISTOR I/M	MW SWITCH	
	Q 13	2SC2668/O/-T	TRANSISTOR TAPE	MW SWITCH	
	Q 14	2SA1037AK/R/-X	CHIP TR.C.M	MW SWITCH	
	Q 15	2SA1037AK/R/-X	CHIP TR.C.M	MW SWITCH	
	Q 21	DTA114TKA-X	DIGITAL.TR	SW2 SWITCH	
	Q 22	2SC2668/O/-T	TRANSISTOR TAPE	SW2 SWITCH	
	Q 24	2SD2144S/VW/-T	TRANSISTOR I/M	SW1 SWITCH	
	Q 25	2SA1037AK/R/-X	CHIP TR.C.M	SW1 SWITCH	
	Q 26	DTA114TKA-X	DIGITAL.TR	SW1 SWITCH	
	Q 27	2SC2668/O/-T	TRANSISTOR TAPE	SW1 SWITCH	
	Q 28	2SA1037AK/R/-X	CHIP TR.C.M	SW2 SWITCH	
	Q5101	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5102	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5103	2SC2412K/R/-X	TRANSISTOR		
	Q5104	2SD2114K/VW/-X	CHIP TR.C.M	CT	
	Q5106	2SC2412K/R/-X	TRANSISTOR	W/O A5MD	
	Q5201	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5202	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5203	2SC2412K/R/-X	TRANSISTOR		
	Q5204	2SD2114K/VW/-X	CHIP TR.C.M	CT	
	Q5206	2SC2412K/R/-X	TRANSISTOR	W/O A5MD	
	Q5301	DTA143EKA-X	TRANSISTOR		
	Q5302	DTA143EKA-X	TRANSISTOR		
	Q5303	DTA114EKA-X	DIGITAL.TR	CT	
	Q5308	DTA114EKA-X	DIGITAL.TR	W/O A5MD	
	Q5901	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5902	2SC2412K/R/-X	TRANSISTOR		
	Q5903	2SD468/BC/-T	TRANSISTOR	CT	
	Q8001	DTC114TKA-X	TRANSISTOR		
	R 1	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 2	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R 11	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 12	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 13	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 14	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 15	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 18	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 20	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 21	NRSA02J-224X	RES. C.M	220K 5% 1/10W	
	R 22	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 23	NRSA02J-270X	MG RESISTOR	27 5% 1/10W	
	R 24	NRSA02J-271X	MG RESISTOR	270 5% 1/10W	
	R 25	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 27	NRSA02J-223X	MG RESISTOR	22K 5% 1/10W	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 28	NRSA02J-560X	MG RESISTOR	56 5% 1/10W	
	R 29	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 30	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 31	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 32	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 34	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 35	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 36	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 37	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R 38	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 39	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 42	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 43	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 44	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 45	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 46	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 48	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 52	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R 54	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R 55	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 56	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 57	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 62	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 63	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 65	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 66	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 68	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 69	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 81	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 82	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 83	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 84	NRSA02J-223X	MG RESISTOR	22K 5% 1/10W	
	R 85	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 86	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 90	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 91	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 92	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 96	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 97	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 98	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R3106	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R3107	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R3206	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R3207	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R5101	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5102	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5103	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5105	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5106	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5107	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R5108	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
	R5109	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5110	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5111	NRSA02J-123X	RES. C.M	12K 5% 1/10W	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R5112	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R5113	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5115	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R5116	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
	R5121	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R5122	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5123	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
	R5124	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5125	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5126	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5127	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5128	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5129	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5201	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5202	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5203	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5204	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5205	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5206	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5207	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R5208	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
	R5209	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5210	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5211	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R5212	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R5213	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5214	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5215	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R5216	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
	R5221	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R5222	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5223	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
	R5224	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5225	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5226	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5227	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5228	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5229	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5301	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R5302	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R5303	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5304	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5305	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5306	NRSA02J-223X	MG RESISTOR	22K 5% 1/10W	
	R5308	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5311	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5312	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5313	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5314	NRSA02J-223X	MG RESISTOR	22K 5% 1/10W	
	R5901	NRSA02J-390X	MG RESISTOR	39 5% 1/10W	
	R5902	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5903	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5904	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5905	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	

BLOCK NO. 02

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R5906	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R5907	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R5908	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R8001	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R8002	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R8003	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R8004	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R8005	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R8006	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R8007	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R8010	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R8011	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R8201	NRSA02J-432X	RES. C.M	4.3K 5% 1/10W	
	R8301	NRSA02J-471X	MG RESISTOR	V3	
	R8301	NRSA02J-821X	MG RESISTOR	V5	
	R8302	NRSA02J-821X	MG RESISTOR	V5	
	R8302	NRSA02J-471X	MG RESISTOR	V3	
	R8303	NRSA02J-471X	MG RESISTOR	V3	
	R8303	NRSA02J-821X	MG RESISTOR	V5	
	R8304	NRSA02J-821X	MG RESISTOR	V5	
	R8304	NRSA02J-471X	MG RESISTOR	V3	
	R8305	NRSA02J-471X	MG RESISTOR	V3	
	R8305	NRSA02J-821X	MG RESISTOR	V5	
	R8306	NRSA02J-821X	MG RESISTOR	V5	
	R8306	NRSA02J-471X	MG RESISTOR	V3	
	R8307	NRSA02J-102X	MG RESISTOR	V5	
	R8308	NRSA02J-102X	MG RESISTOR	V5	
	R8309	NRSA02J-102X	MG RESISTOR	V5	
	S8001	QSW0698-001Z	TACT SWITCH	DOOR OP/CL	
	S8002	QSW0698-001Z	TACT SWITCH	CD	
	S8003	QSW0698-001Z	TACT SWITCH	TUNER	
	S8004	QSW0698-001Z	TACT SWITCH	TAPE	
	S8005	QSW0698-001Z	TACT SWITCH	MD/AUX	
	S8006	QSW0698-001Z	TACT SWITCH	B.SEARCH	
	S8007	QSW0698-001Z	TACT SWITCH	STOP/CLR	
	S8008	QSW0698-001Z	TACT SWITCH	F.SEARCH	
	S8010	QSW0698-001Z	TACT SWITCH	POWER	
	S8101	QSW0620-001	SWITCH		
	S8102	QSW0620-001	SWITCH		
	T 1	QQR0793-001	IFT		
	TU 1	QAU0037-001	FRONT END		
	X 1	QAX0402-001	CRYSTAL		

■Micon Board (UX-V5/UX-V3R)

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN701	QGF1201F3-13	CONNECTOR	TO CD PWB	
	CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN707	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN711	QGF1016C1-07	CONNECTOR	TO FKEY PWB	
	CN712	QGF1008F1-11	CONNECTOR	TO LCD PWB	
	CN714	QGA2001C1-03	3P PLUG ASSY	TO DOOR-SW PWB	
	CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	CN772	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	C7001	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7002	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7003	NCS21HJ-390X	C CAPACITOR	39PF 5% 50V	
	C7004	NCS21HJ-360X	C CAPACITOR	36PF 5% 50V	
	C7005	NCS21HJ-220X	C CAPACITOR	22PF 5% 50V	
	C7006	NCS21HJ-200X	C CAPACITOR	20PF 5% 50V	
	C7007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7008	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7011	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C7012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7013	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C7108	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7109	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7122	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7123	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7125	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7126	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7201	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C7202	QFN41HJ-104	M CAPACITOR	.10MF 5% 50V	
	C7311	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C7312	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7321	QEZ0229-479Z	EDL.CAPACITOR	47000MF	
	C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C7802	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7803	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7804	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7805	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7811	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	D7001	1SS133-T2	DIODE	CLOCK	
	D7201	1SS133-T2	DIODE	US6V2	
	D7202	1SS133-T2	DIODE	US5V	
	D7203	1SS133-T2	DIODE	LCD5V	
	D7204	1SS133-T2	DIODE	BU5V	
	D7205	MTZJ8.2B-T2	DIODE	US6V2	
	D7301	MTZJ5.1C-T2	ZENER DIODE	BUCKUP	
	D7311	1SS133-T2	DIODE	RESET	
	D7321	1SS133-T2	DIODE	BU5V	
	IC701	UPD78056GC-A29	IC	SYSTEM MICON	
	IC702	KIA78S06P-T	IC	US6V REG	
	K7201	QQR0601-001Z	F.BEADS I.M	ICVSS	
	K7202	QQR0601-001Z	F.BEADS I.M	AVSS	
	K7203	QQR0601-001Z	F.BEADS I.M	FKEY	
	L7201	QQL01BK-100Z	INDUCTOR	VDD	
	L7202	QQL01BK-100Z	INDUCTOR	AVDD	
	PP701	QZW0007-001	POST PIN		
	PP702	QZW0007-001	POST PIN		
	Q7001	2SC2668/O/-T	TRANSISTOR TAPE	CLOCK SHIFT	

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q7002	2SC2668/O/-T	TRANSISTOR TAPE	CLOCK SHIFT	
	Q7301	2SC2412K/R/-X	TRANSISTOR	BACKUP CONT	
	Q7311	2SC2412K/R/-X	TRANSISTOR	RESET	
	Q7321	2SA1037AK/R/-X	CHIP TR.C.M	SW5V	
	Q7811	2SC2412K/R/-X	TRANSISTOR	PHOTO BUFFER	
	Q7821	DTC114EKA-X	TR	BL DIMMER	
	Q7822	2SA933S/RS/-T	TRANSISTOR	BL DIMMER	
	R7001	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7002	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7003	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7004	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7005	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7101	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7102	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7103	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7105	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7106	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7107	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7108	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7109	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7110	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7111	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7112	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7113	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7115	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7116	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7117	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7118	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7119	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7120	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7121	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7122	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7123	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7124	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7125	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7126	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7128	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7129	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7130	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7131	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7132	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7133	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7134	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7135	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7136	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7137	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R7138	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7139	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7140	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7141	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7142	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7143	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7144	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R7145	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7146	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7147	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7148	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7150	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7151	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7152	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7153	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7154	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7155	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7156	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7301	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7302	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7303	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7304	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7311	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7312	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7313	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7314	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7315	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7321	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R7322	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7401	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7402	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7403	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7404	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7405	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7406	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7407	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7408	NRSA02J-273X	MG RESISTOR	UB/UF/UT	
	R7408	NRSA02J-823X	MG RESISTOR	UX	
	R7409	NRSA02J-562X	MG RESISTOR	UB/UF/UT	
	R7409	NRSA02J-273X	MG RESISTOR	UX	
	R7410	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7411	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
	R7801	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7802	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7803	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7804	NRSA02J-105X	MG RESISTOR	1.0M 5% 1/10W	
	R7805	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7811	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
	R7812	NRSA02J-394X	RES. C.M	390K 5% 1/10W	
	R7813	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7821	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7822	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7823	NRSA02J-122X	MG RESISTOR	V5	
	R7823	NRSA02J-102X	MG RESISTOR	V3	
	R7824	NRSA02J-122X	MG RESISTOR	V5	
	X7001	QAX0401-001	CRYSTAL	CLOCK(36.678KHZ	
	X7002	QAX0410-001	CERA LOCK	MAIN CK(4.19MHZ	

■CD Board (UX-V5/UX-V3R)

BLOCK NO. 04

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN601	QGF1201F3-13	CONNECTOR	V3/V5/V9/A17A5	
	CN602	QGF1201F3-10	CONNECTOR	V3/V5/V9/A1/A5	
	CN603	QGF1004F4-18	FPC CONNECTOR		
	CN604	QGA2501C1-03	3P CONNECTOR		
	CN605	QGA1501C3-02	W TO B CONNE	RED	
	CN606	QGA1501C4-02	W TO B CONNE	BLUE	
	CN607	VMC0199-902V	CONNECTOR	WHITE	
	C6001	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6002	QER41CM-106	E CAPACITOR	10MF 20% 16V	
	C6003	NDC21HJ-3R5X	C CAPACITOR		
	C6005	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C6006	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6008	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C6009	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C6010	NCB21HK-273X	C CAPACITOR	.027MF 10% 50V	
	C6011	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C6014	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6015	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6016	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6017	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6018	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6019	NCS21HJ-271X	C CAPACITOR	270PF 5% 50V	
	C6020	NCS21HJ-181X	C CAPACITOR	180PF 5% 50V	
	C6021	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C6022	QER60JM-476Z	E.CAPA. I.M	47MF 20% 6.3V	
	C6023	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6028	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6029	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6031	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6032	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6051	NDC21HJ-120X	C CAPACITOR		
	C6052	NDC21HJ-150X	C CAPACITOR		
	C6053	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6055	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6058	NCS21HJ-6R0X	C.CAPA. C.M	6.0PF 5% 50V	
	C6061	NCS21HJ-471X	C CAPACITOR	470PF 5% 50V	
	C6062	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6063	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6064	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6065	NCB21CK-334X	C.CAPA. C.M	.33MF 10% 16V	
	C6071	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6072	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6073	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6075	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6076	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6077	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6080	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6081	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6083	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6095	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6096	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6097	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6098	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	

BLOCK NO. 04

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C6099	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6101	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6154	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6156	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6157	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6158	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	D6061	1SS355-X	DIODE C.M		
	D6062	1SS355-X	DIODE C.M		
	D6063	1SS355-X	DIODE C.M		
	IC601	AN8806SB-W	IC C.M		
	IC602	BA6897FP-W	IC		
	IC603	MN35510	IC		
	K6051	QQR0779-001Z	INDUCTOR		
	Q6001	2SA1037AK/R/-X	CHIP TR.C.M		
	Q6031	2SA952/LK/-T	TRANSISTOR		
	R6001	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R6002	NRSA02J-225X	MG RESISTOR	2.2M 5% 1/10W	
	R6003	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6005	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6006	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R6007	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6009	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6010	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6012	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R6013	NRSA02J-121X	MG RESISTOR	120 5% 1/10W	
	R6014	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R6015	NRSA02J-120X	MG RESISTOR	12 5% 1/10W	
	R6016	NRSA02J-910X	RES. C.M	91 5% 1/10W	
	R6021	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6022	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6023	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6024	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6025	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6026	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6027	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6028	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6029	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6031	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R6032	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6041	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6042	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W	
	R6043	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R6044	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6045	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6046	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6047	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6051	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6052	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6053	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6054	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6055	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6056	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6057	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6058	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6059	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	

BLOCK NO. 04

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R6060	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R6061	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6063	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6064	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R6066	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6067	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6068	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6069	NRSA02J-155X	MG RESISTOR	1.5M 5% 1/10W	
	R6071	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6072	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6076	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6080	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6081	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6121	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	W 805	QJL006-021302	SIN CR B-B WIRE	-W815 LED-LCD	
	W 814	QJK018-031203	SIN CR C-B WIRE	DOOR SW WIRE	
	W3004	QJK017-052600	SIN CR C-B WIRE	H.P WIRE	
	W3351	QJP003-042401	SHI CR C-B WIRE	MAIN-FUNC SHIEL	
	W5501	QJK018-020802	SIN CR C-B WIRE	TOP KEY WIRE	
	X6051	QAX0413-001Z	CRYSTAL		

■Main Board (FS-V5)

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	B2053	NRS181J-0ROX	MG RESISTOR	MIC	
	CN195	QGB2016J1-15	CONNECTOR		
	CN196	VMC0289-S12	CONNECTOR		
⚠	CN197	VMZ0076-002	W TO B CONNE		
⚠	CN199	QGA7901C1-02	W TO B CONNE		
	CN301	QGB2016K1-15	B TO B CONNE	POWER PWB	
	CN304	QGA2501C3-05Z	CONNECTOR	HEADPHONE	
	CN308	EMV5111-002	2P CONNECTOR	CD DOOR	
⚠	CN311	QNB0092-001	SPK TERMINAL	SPEAKER	
	CN371	QGB1214K1-12S	CONNECTOR	MICOM TOP	
	CN372	QGB1214K1-12S	CONNECTOR	MICOM BOT	
⚠	C1901	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1902	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1903	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
⚠	C1904	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1910	QDYB1CM-103Y	ABCAPACITOR		
	C1911	QTE1C03-106Z	E CAPACITOR		
	C1912	QTE1E06-476Z	E CAPACITOR		
	C1916	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C1917	QETC1CM-106Z-JB	E CAPACITOR	10MF 20% 16V	
⚠	C3001	QETM1EM-828	E CAPACITOR	8200MF 20% 25V	
	C3002	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C3003	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3004	QTE1A28-337Z	E.CAPACITOR		
	C3005	QETC1EM-336Z-JB	E CAPACITOR	33MF 20% 25V	
	C3006	QETC1HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C3007	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3101	QTE1C03-106Z	E CAPACITOR		
	C3103	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3104	QDX31EM-104Z	C CAPACITOR		
	C3105	QDX31EM-104Z	C CAPACITOR		
	C3121	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3122	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3125	QTE1A03-226Z	E CAPACITOR		
	C3126	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3152	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3153	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3154	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	
	C3157	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3158	QTE1C03-106Z	E CAPACITOR		
	C3201	QTE1C03-106Z	E CAPACITOR		
	C3203	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C3204	QDX31EM-104Z	C CAPACITOR		
	C3205	QDX31EM-104Z	C CAPACITOR		
	C3221	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3222	QFN41HJ-823	M CAPACITOR	.082MF 5% 50V	
	C3225	QTE1A03-226Z	E CAPACITOR		
	C3226	QFVF1HJ-274Z	TF CAPACITOR	.27MF 5% 50V	
	C3252	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3253	QFN31HJ-563Z	M.CAPA. I.M	.056MF 5% 50V	
	C3254	QFN41HJ-472	M CAPACITOR	4700PF 5% 50V	
	C3257	QFN41HJ-123	M CAPACITOR	.012MF 5% 50V	
	C3258	QTE1C03-106Z	E CAPACITOR		
	C3301	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3321	QETC1EM-476Z-JB	E CAPACITOR	47MF 20% 25V	

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C3322	QTE1E03-226Z	E CAPACITOR		
	C3331	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3332	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3333	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3334	QFVF1HJ-563Z	CAPACITOR	.056MF 5% 50V	
	C3335	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C3336	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3351	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3353	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3354	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3355	QETC1HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C3356	QTE1C28-106Z	E.CAPA. I.M		
	C3357	QETC1EM-106Z-JB	E CAPACITOR	10MF 20% 25V	
	C3801	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3802	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3803	QFV41HJ-103	TF CAPACITOR	.010MF 5% 50V	
	C3804	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C3805	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C3901	QETC1EM-476Z-JB	E CAPACITOR	47MF 20% 25V	
	C3902	QDYB1CM-103Y	ABCAPACITOR		
	C3903	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3904	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C3931	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C3951	QER61EM-106Z	E.CAPA. I.M	10MF 20% 25V	
	C3952	QER61EM-226Z	E.CAPA. I.M	22MF 20% 25V	
	C3999	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
⚠	D1901	D5SBA20-S1	SI DIODE	ANALOG	
	D1908	MTZJ4.3B-T2	ZENER DIODE	CD6V	
⚠	D1913	MTZJ6.8B-T2	DIODE	US5V	
	D3321	MTZJ5.1A-T2	ZENER DIODE		
	D3331	1SS133-T2	DIODE		
	D3332	1SS133-T2	DIODE		
	D3333	1SS133-T2	DIODE		
	D3334	1SS133-T2	DIODE		
	D3801	DSK10C-T1	DIODE		
	D3901	1SS133-T2	DIODE		
	D3902	MTZJ10A-T2	ZENER DIODE		
	D3903	MTZJ5.6C-T2	ZENER DIODE		
	D3931	MTZJ11A-T2	Z.DIODE I.M		
	D3932	1SS133-T2	DIODE		
	D3951	MTZJ6.8A-T2	ZENER DIODE		
	D3952	MTZJ10A-T2	ZENER DIODE		
	EP191	QNZ0136-001Z	EARTH PLATE		
	EP301	QNZ0136-001Z	EARTH PLATE		
	IC191	UPC78L05J-T	I C	US5V	
⚠	IC301	LA4705NA	IC	POWER AMP	
	IC302	NJM4580L-D	IC	AHB AMP	
	IC305	BH3852S	IC	E VOL	
	IC308	TA8409S	IC		
⚠	J1901	QMCB250-V02	AC SOCKET		
	K3801	QQR0779-001Z	INDUCTOR		
	L3801	QQL25CK-221Z	INDUCTOR		
⚠	Q1901	2SA1359/OY/	TRANSISTOR	CD6V	
	Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V	
	Q3101	2SD2144S/VW/-T	TRANSISTOR I/M		

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q3131	2SC2785/FE/-T	TRANSISTOR		
	Q3201	2SD2144S/VW/-T	TRANSISTOR I/M		
	Q3231	2SC2785/FE/-T	TRANSISTOR		
	Q3301	KRA101M-T	TR I/M		
	Q3801	2SC2785/FE/-T	TRANSISTOR		
⚠	Q3901	2SB941/P/	TRANSISTOR		
	Q3902	2SA1175/HFE/-T	TRANSISTOR		
	Q3903	2SC2785/FE/-T	TRANSISTOR		
	Q3904	KRC114M-T	TR I.M		
	Q3905	DTA144TSA-T	D.TRANSISTOR		
	Q3906	2SC2785/FE/-T	TRANSISTOR		
⚠	Q3931	2SC2001/LK/-T	TRANSISTOR		
⚠	Q3951	2SB562/BC/-T	TRANSISTOR		
	Q3952	2SC2785/FE/-T	TRANSISTOR		
⚠	R1901	QRZ9037-335	COMP RESISTOR	3.3M 1/0W	
	R1902	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R1903	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1904	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R1922	QRZ9006-6R8X	F.RES. I.M	6.8 1/0W	
	R3001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3102	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3104	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3105	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
	R3122	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3123	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3124	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3125	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3127	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3128	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3129	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3131	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3132	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3133	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3152	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3153	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3155	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3156	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3202	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
⚠	R3204	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
⚠	R3205	QRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
	R3222	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R3223	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R3224	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3225	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R3227	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3228	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3229	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R3231	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3232	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3233	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3252	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R3253	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3255	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3256	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3321	QRE141J-151Y	C RESISTOR	150 5% 1/4W	

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R3322	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R3331	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3332	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3333	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3334	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3335	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3336	QRE141J-513Y	C RESISTOR	51K 5% 1/4W	
	R3351	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3352	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R3353	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3354	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R3355	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R3801	QRJ146J-151X	C RESISTOR	150 5% 1/4W	
	R3802	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R3803	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R3804	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R3805	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R3806	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
⚠	R3901	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3902	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3903	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
⚠	R3904	QRE141J-1R2Y	C.RES I.M	1.2 5% 1/4W	
	R3905	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3906	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R3907	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R3908	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R3909	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3910	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3911	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R3912	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3913	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3914	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3915	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3916	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R3917	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R3918	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R3919	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R3920	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R3921	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3931	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
⚠	R3951	QRZ9006-6R8X	F.RES. I.M	6.8 1/0W	
	R3952	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R3953	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R3954	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5501	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5502	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5503	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R5504	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R5505	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5506	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R5507	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R5508	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R9701	QRZ9006-6R8X	F.RES. I.M	6.8 1/0W	
	S5501	QSW0698-001Z	TACT SWITCH	REC	
	S5502	QSW0698-001Z	TACT SWITCH	REV.MODE	

BLOCK NO. 05

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	S5504	QSW0698-001Z	TACT SWITCH	SLEEP	
	S5505	QSW0698-001Z	TACT SWITCH	CLOCK	
	S5506	QSW0698-001Z	TACT SWITCH	TIMER	
	S5507	QSW0698-001Z	TACT SWITCH	VOL.UP	
	S5508	QSW0698-001Z	TACT SWITCH	VOL.DOWN	
	S5509	QSW0698-001Z	TACT SWITCH	AHB	
⚠	Z1901	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1902	QNG0020-001Z	FUSE CLIP	FOR F1901	
⚠	Z1903	QNG0020-001Z	FUSE CLIP	FOR F1902	
⚠	Z1904	QNG0020-001Z	FUSE CLIP	FOR F1902	

■Function/Tuner Board (FS-V5)

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 1	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 2	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 3	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 4	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 5	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 6	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 9	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 12	NDU21HJ-100X	C CAPACITOR		
	C 13	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 14	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 21	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 30	QEK61CM-476Z-JB	E CAPACITOR	47MF 20% 16V	
	C 32	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 33	QEK61AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C 34	NCS21HJ-150X	C CAPACITOR	15PF 5% 50V	
	C 35	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 36	QEK61CM-106Z-JB	E CAPACITOR	10MF 20% 16V	
	C 37	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 39	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 40	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 41	QEK61HM-104Z-JB	E CAPACITOR	.10MF 20% 50V	
	C 42	QEK61HM-474Z-JB	E CAPACITOR	.47MF 20% 50V	
	C 44	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 45	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20% 50V	
	C 46	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 47	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 49	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 50	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 51	QEK61HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C 52	QEK61HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C 60	QEK61AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C 61	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 62	NCS21HJ-120X	C CAPACITOR	12PF 5% 50V	
	C 63	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C 65	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 66	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C 67	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C 68	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C 69	QEK61HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C 70	NCB21HK-392X	C CAPACITOR	3900PF 10% 50V	
	C 71	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20% 50V	
	C 72	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C 91	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	CF 1	QAX0419-001Z	C FILTER	FM IF	
	CF 2	QAX0419-001Z	C FILTER	FM IF	
	CF 3	QAX0418-001Z	C FILTER		
	CF 4	QAX0409-001	CERA LOCK		
	CN 43	QGF1201F3-09	CONNECTOR	CT	
	CN 44	QGF1201F3-10	CONNECTOR	CT	
	CN501	QGA2001F1-04	4P PLUG ASSY	MD6P	
	CN502	QGF1201C3-10	CONNECTOR	VCD12P	
	CN503	VMC0289-F12	CONNECTOR		
	CN504	QGA2501F1-03	CONNECTOR		
	CN506	QGB1214J1-12S	CONNECTOR		
	CN507	QGB1214J1-12S	CONNECTOR		

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN508	QGA2001F1-02	2P CONNECTOR		
	CN811	QGF1016F1-07	CONNECTOR		
	CN812	QGF1008F1-11	CONNECTOR		
	C3108	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C3208	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C5101	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5102	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5103	QTE1H06-475Z	E CAPACITOR	SILMIC	
	C5105	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5106	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5107	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5108	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5109	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5110	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5201	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C5202	QFN41HJ-562	M CAPACITOR	5600PF 5% 50V	
	C5203	QTE1H06-475Z	E CAPACITOR	SILMIC	
	C5205	NCS21HJ-330X	C CAPACITOR	33PF 5% 50V	
	C5206	NCS21HJ-100X	C CAPACITOR	10PF 5% 50V	
	C5207	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5208	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5209	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5210	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C5301	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5302	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5303	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C5304	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5307	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C5308	QER41CM-226	E CAPACITOR	22MF 20% 16V	
	C5309	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C5311	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C5312	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C5313	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C5901	QER41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C5902	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C5903	QER41CM-476	E CAPACITOR	47MF 20% 16V	
	C8001	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C8002	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C8201	NCB21HK-223X	C CAPACITOR	.022MF´10% 50V	
	C8202	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	D 1	1SS133-T2	DIODE		
	D 2	1SS133-T2	DIODE		
	D 3	1SS133-T2	DIODE		
	D 4	1SS133-T2	DIODE		
	DI801	QLD0079-001	LCD MODULE		
	D5301	MTZJ3.3B-T2	ZENER DIODE I/M		
	D5302	1SS133-T2	DIODE	AUX MUTE	
	D5303	1SS133-T2	DIODE	SEIDENKI	
	D5304	1SS133-T2	DIODE	SEIDENKI	
	D5901	MTZJ3.9B-T2	Z DIODE		
	D5902	1SS133-T2	DIODE		
	D5903	1SS133-T2	DIODE		
	D5905	MTZJ9.1A-T2	ZENER DIODE	CT	
	D5906	1SS133-T2	DIODE	CT	
	D8001	SPR-39MVWF	LED	RED	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	D8003	1SS133-T2	DIODE		
	D8301	TLYH156P	LED		
	D8302	TLYH156P	LED		
	D8303	TLYH156P	LED		
	EP501	QNZ0136-001Z	EARTH PLATE		
	IC 1	TA2057N	IC		
	IC 2	LC72136N	IC		
	IC531	BA15218F-XE	IC		
	IC801	RPM6938-V4	RM.RECEIVER		
	J 1	QNB0014-001	ANT TERMINAL	AM/FM ANT COAX	
	J3004	QNS0032-001	JACK		
	J5301	QNN0306-001	4PIN JACK ASSY	A5MD 2P	
	J5701	GP1F32T	OPTICAL JACK	MD 32R	
	K3106	QQR0779-001Z	INDUCTOR		
	K3206	QQR0779-001Z	INDUCTOR		
	K5301	QQR0779-001Z	INDUCTOR		
	K5302	QQR0779-001Z	INDUCTOR		
	K5303	QQR0779-001Z	INDUCTOR		
	K5307	QQR0779-001Z	INDUCTOR	CD AG	
	L 1	QQR0796-001	COIL BLOCK	MW RF/OSC	
	L 4	QQL231K-221Y	INDUCTOR		
	LF511	QQR0590-001	FILTER		
	LF521	QQR0590-001	FILTER		
	L3106	QQL231K-470Y	INDUCTOR		
	L3206	QQL231K-470Y	INDUCTOR		
	L3301	QQL29BJ-470Z	INDUCTOR		
	PP531	QZW0007-001	POST PIN		
	PP532	QZW0007-001	POST PIN		
	PP533	QZW0007-001	POST PIN		
	Q 1	2SC2668/O/-T	TRANSISTOR TAPE		
	Q 6	DTA114YKA-X	TRANSISTOR		
	Q 7	2SA1037AK/R/-X	CHIP TR.C.M		
	Q 8	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5101	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5102	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5103	2SC2412K/R/-X	TRANSISTOR		
	Q5104	2SC2412K/R/-X	TRANSISTOR	CT	
	Q5106	2SC2412K/R/-X	TRANSISTOR	W/O A5MD	
	Q5201	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5202	2SD2114K/VW/-X	CHIP TR.C.M		
	Q5203	2SC2412K/R/-X	TRANSISTOR		
	Q5204	2SC2412K/R/-X	TRANSISTOR	CT	
	Q5206	2SC2412K/R/-X	TRANSISTOR	W/O A5MD	
	Q5301	DTA143EKA-X	TRANSISTOR		
	Q5302	DTA143EKA-X	TRANSISTOR		
	Q5303	DTA114EKA-X	DIGITAL.TR	CT	
	Q5308	DTA114EKA-X	DIGITAL.TR	W/O A5MD	
	Q5901	2SA1037AK/R/-X	CHIP TR.C.M		
	Q5902	2SC2412K/R/-X	TRANSISTOR		
	Q5903	2SD468/BC/-T	TRANSISTOR	CT	
	Q8001	DTC114TKA-X	TRANSISTOR		
	R 1	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 2	NRSA02J-820X	MG RESISTOR	82 5% 1/10W	
	R 12	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 13	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 20	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 21	NRSA02J-224X	RES. C.M	220K 5% 1/10W	
	R 22	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R 23	NRSA02J-270X	MG RESISTOR	27 5% 1/10W	
	R 24	NRSA02J-271X	MG RESISTOR	270 5% 1/10W	
	R 25	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 27	NRSA02J-223X	MG RESISTOR	22K 5% 1/10W	
	R 29	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 30	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 31	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 32	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 34	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 35	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 36	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R 37	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R 38	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 39	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 42	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 43	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 44	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 45	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 46	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 48	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 52	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R 54	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R 55	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 56	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 57	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R 66	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 68	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R 69	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 98	QRZ9037-335	COMP RESISTOR	3.3M 1/0W	
	R 99	QRZ9037-335	COMP RESISTOR	3.3M 1/0W	
	R3106	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R3107	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R3206	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R3207	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R5101	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5102	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5103	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5105	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5106	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5107	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R5108	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
	R5109	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5110	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5111	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R5112	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R5113	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5115	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R5116	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
	R5122	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5123	NRSA02J-154X	RES. C.M	150K 5% 1/10W	

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R5124	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5125	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5126	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5127	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5128	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5129	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5201	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5202	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5203	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5204	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5205	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5206	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5207	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R5208	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W	
	R5209	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5210	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5211	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R5212	NRSA02J-472X	MG RESISTOR	4.7K 5% 1/10W	
	R5213	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R5214	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5215	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R5216	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W	
	R5222	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5223	NRSA02J-154X	RES. C.M	150K 5% 1/10W	
	R5224	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5225	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5226	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5227	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5228	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R5229	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R5301	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R5302	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R5303	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5304	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5305	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5306	NRSA02J-223X	MG RESISTOR	22K 5% 1/10W	
	R5311	NRSA02J-750X	RES. C.M	75 5% 1/10W	
	R5312	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R5313	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
	R5314	NRSA02J-223X	MG RESISTOR	W/O A5MD	
	R5901	NRSA02J-390X	MG RESISTOR	39 5% 1/10W	
	R5902	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R5903	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R5904	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R5905	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R5906	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R5907	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R5908	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R8001	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R8002	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R8003	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R8004	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R8005	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R8006	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R8007	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	

BLOCK NO. 06

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R8010	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R8011	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R8201	NRSA02J-432X	RES. C.M	4.3K 5% 1/10W	
	R8301	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R8302	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R8303	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R8304	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R8305	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R8306	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
	R8307	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R8308	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R8309	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	S8001	QSW0698-001Z	TACT SWITCH	DOOR OP/CL	
	S8002	QSW0698-001Z	TACT SWITCH	CD	
	S8003	QSW0698-001Z	TACT SWITCH	TUNER	
	S8004	QSW0698-001Z	TACT SWITCH	TAPE	
	S8005	QSW0698-001Z	TACT SWITCH	MD/AUX	
	S8006	QSW0698-001Z	TACT SWITCH	B.SEARCH	
	S8007	QSW0698-001Z	TACT SWITCH	STOP/CLR	
	S8008	QSW0698-001Z	TACT SWITCH	F.SEARCH	
	S8010	QSW0698-001Z	TACT SWITCH	POWER	
	S8101	QSW0620-001	SWITCH		
	S8102	QSW0620-001	SWITCH		
	T 1	QQR0793-001	IFT		
	TU 1	QAU0097-001	FRONT END	FM TU	
	X 1	QAX0402-001	CRYSTAL		

■Micon Board (FS-V5)

BLOCK NO. 07

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN701	QGF1201F3-13	CONNECTOR	TO CD PWB	
	CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN707	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN711	QGF1016C1-07	CONNECTOR	TO FKEY PWB	
	CN712	QGF1008F1-11	CONNECTOR	TO LCD PWB	
	CN714	QGA2001C1-03	3P PLUG ASSY	TO DOOR-SW PWB	
	CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	CN772	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	C7001	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7002	NCS21HJ-180X	C CAPACITOR	18PF 5% 50V	
	C7003	NCS21HJ-390X	C CAPACITOR	39PF 5% 50V	
	C7004	NCS21HJ-360X	C CAPACITOR	36PF 5% 50V	
	C7005	NCS21HJ-220X	C CAPACITOR	22PF 5% 50V	
	C7006	NCS21HJ-200X	C CAPACITOR	20PF 5% 50V	
	C7007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7008	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C7011	QER41AM-107	E CAPACITOR	100MF 20% 10V	
	C7012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7013	NCF21HZ-104X	C CAPACITOR	.10MF +80:-20%	
	C7108	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7109	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7116	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7122	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7123	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C7125	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7126	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C7201	QER61CM-107Z	E.CAPA. I.M	100MF 20% 16V	
	C7202	QFN41HJ-104	M CAPACITOR	.10MF 5% 50V	
	C7311	QER41HM-475	E CAPACITOR	4.7MF 20% 50V	
	C7312	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7321	QEZ0229-479Z	EDL.CAPACITOR	47000MF	
	C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C7802	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7803	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7804	QER41HM-225	E CAPACITOR	2.2MF 20% 50V	
	C7805	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C7811	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	D7001	1SS133-T2	DIODE	CLOCK	
	D7201	1SS133-T2	DIODE	US6V2	
	D7202	1SS133-T2	DIODE	US5V	
	D7203	1SS133-T2	DIODE	LCD5V	
	D7204	1SS133-T2	DIODE	BU5V	
	D7205	MTZJ8.2B-T2	DIODE	US6V2	
	D7301	MTZJ5.1C-T2	ZENER DIODE	BUCKUP	
	D7311	1SS133-T2	DIODE	RESET	
	D7321	1SS133-T2	DIODE	BU5V	
	IC701	UPD78056GC-A29	IC	SYSTEM MICON	
	IC702	KIA78S06P-T	IC	US6V REG	
	K7201	QQR0601-001Z	F.BEADS I.M	ICVSS	
	K7202	QQR0601-001Z	F.BEADS I.M	AVSS	
	K7203	QQR0601-001Z	F.BEADS I.M	FKEY	
	L7201	QQL01BK-100Z	INDUCTOR	VDD	
	L7202	QQL01BK-100Z	INDUCTOR	AVDD	
	PP701	QZW0007-001	POST PIN		
	PP702	QZW0007-001	POST PIN		

BLOCK NO. 07

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q7001	2SC2668/O/-T	TRANSISTOR TAPE	CLOCK SHIFT	
	Q7002	2SC2668/O/-T	TRANSISTOR TAPE	CLOCK SHIFT	
	Q7301	2SC2412K/R/-X	TRANSISTOR	BACKUP CONT	
	Q7311	2SC2412K/R/-X	TRANSISTOR	RESET	
	Q7321	2SA1037AK/R/-X	CHIP TR.C.M	SW5V	
	Q7811	2SC2412K/R/-X	TRANSISTOR	PHOTO BUFFER	
	Q7821	DTC114EKA-X	TR	BL DIMMER	
	Q7822	2SA933S/RS/-T	TRANSISTOR	BL DIMMER	
	R7001	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7002	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
	R7003	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7004	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7005	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7101	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7102	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7103	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7105	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7106	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7107	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7108	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7109	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7110	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7111	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7112	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7113	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7115	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7116	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7117	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7118	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7119	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7120	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7121	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7122	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7123	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7124	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7125	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7126	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7128	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7129	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7130	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7131	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7132	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7133	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7134	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7135	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7136	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7137	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W	
	R7138	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7139	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7140	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7141	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7142	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7143	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	

BLOCK NO. 07

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R7144	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7145	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7146	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7147	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7148	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7150	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7151	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7152	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7153	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7154	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7155	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7156	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R7301	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7302	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R7303	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7304	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7311	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7312	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7313	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7314	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R7315	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7321	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R7322	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7401	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7402	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7403	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7404	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7405	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7406	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7407	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7408	NRSA02J-563X	RES. C.M	56K 5% 1/10W	
	R7409	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R7410	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7411	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
	R7801	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7802	NRSA02J-114X	RES. C.M	110K 5% 1/10W	
	R7803	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7804	NRSA02J-105X	MG RESISTOR	1.0M 5% 1/10W	
	R7805	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R7811	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
	R7812	NRSA02J-394X	RES. C.M	390K 5% 1/10W	
	R7813	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R7821	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R7822	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R7823	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R7824	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	X7001	QAX0401-001	CRYSTAL	CLOCK(36.678KHZ	
	X7002	QAX0410-001	CERA LOCK	MAIN CK(4.19MHZ	

■CD Board (FS-V5)

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN601	QGF1201F3-13	CONNECTOR	V3/V5/V9/A1/A5	
	CN602	QGF1201F3-10	CONNECTOR	V3/V5/V9/A1/A5	
	CN603	QGF1004F4-18	FPC CONNECTOR		
	CN604	QGA2501C1-03	3P CONNECTOR		
	CN605	QGA1501C3-02	W TO B CONNE	RED	
	CN606	QGA1501C4-02	W TO B CONNE	BLUE	
	CN607	VMC0199-902V	CONNECTOR	WHITE	
	C6001	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6002	QER41CM-106	E CAPACITOR	10MF 20% 16V	
	C6003	NDC21HJ-3R5X	C CAPACITOR		
	C6005	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C6006	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6008	QER41HM-105	E CAPACITOR	1.0MF 20% 50V	
	C6009	NCS21HJ-101X	C CAPACITOR	100PF 5% 50V	
	C6010	NCB21HK-273X	C CAPACITOR	.027MF 10% 50V	
	C6011	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C6014	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6015	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6016	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6017	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6018	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6019	NCS21HJ-271X	C CAPACITOR	270PF 5% 50V	
	C6020	NCS21HJ-181X	C CAPACITOR	180PF 5% 50V	
	C6021	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C6022	QER60JM-476Z	E.CAPA. I.M	47MF 20% 6.3V	
	C6023	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6028	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6029	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6031	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6032	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
	C6051	NDC21HJ-120X	C CAPACITOR		
	C6052	NDC21HJ-150X	C CAPACITOR		
	C6053	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6055	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
	C6058	NCS21HJ-6R0X	C.CAPA. C.M	6.0PF 5% 50V	
	C6061	NCS21HJ-471X	C CAPACITOR	470PF 5% 50V	
	C6062	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6063	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6064	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6065	NCB21CK-334X	C.CAPA. C.M	.33MF 10% 16V	
	C6071	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6072	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C6073	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6075	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6076	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6077	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6080	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6081	QER41AM-227	E.CAPA. I.M	220MF 20% 10V	
	C6083	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6095	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
	C6096	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6097	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6098	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C6099	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
	C6101	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C6154	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6156	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6157	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	C6158	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
	D6061	1SS355-X	DIODE C.M		
	D6062	1SS355-X	DIODE C.M		
	D6063	1SS355-X	DIODE C.M		
	IC601	AN8806SB-W	IC C.M		
	IC602	BA6897FP-W	IC		
	IC603	MN35510	IC		
	K6051	QQR0779-001Z	INDUCTOR		
	Q6001	2SA1037AK/R/-X	CHIP TR.C.M		
	Q6031	2SA952/LK/-T	TRANSISTOR		
	R6001	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R6002	NRSA02J-225X	MG RESISTOR	2.2M 5% 1/10W	
	R6003	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6005	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6006	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
	R6007	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6009	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6010	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6012	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
	R6013	NRSA02J-121X	MG RESISTOR	120 5% 1/10W	
	R6014	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R6015	NRSA02J-120X	MG RESISTOR	12 5% 1/10W	
	R6016	NRSA02J-910X	RES. C.M	91 5% 1/10W	
	R6021	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6022	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6023	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6024	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6025	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6026	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6027	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6028	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6029	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6031	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
	R6032	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	R6041	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6042	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W	
	R6043	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R6044	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
	R6045	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R6046	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6047	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R6051	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6052	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6053	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6054	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6055	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6056	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6057	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6058	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6059	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	

BLOCK NO. 08

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R6060	NRSA02J-471X	MG RESISTOR	470 5% 1/10W	
	R6061	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R6063	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	
	R6064	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
	R6066	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6067	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6068	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R6069	NRSA02J-155X	MG RESISTOR	1.5M 5% 1/10W	
	R6071	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6072	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
	R6076	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6080	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6081	NRSA02J-0R0X	MG RESISTOR	5% 1/10W	
	R6121	NRSA02J-101X	MG RESISTOR	100 5% 1/10W	
	W 805	QJL006-021302	SIN CR B-B WIRE	-W815 LED-LCD	
	W 814	QJK018-031203	SIN CR C-B WIRE	DOOR SW WIRE	
	W3004	QJK017-052600	SIN CR C-B WIRE	H.P WIRE	
	W3351	QJP003-042401	SHI CR C-B WIRE	MAIN-FUNC SHIEL	
	W5501	QJK018-020802	SIN CR C-B WIRE	TOP KEY WIRE	
	X6051	QAX0413-001Z	CRYSTAL		

■Switch Board (UX-V5/UX-V3/FS-V5)

BLOCK NO. 09

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN 1	QGB2011L1-10	10P PLUG ASSY		
	D 1	1SR139-100-T2	SI DIODE		
	IC 1	SG-105F3-BB,C	PHOTO SENSER		
	P 1	QNZ0104-001	POST PIN		
	SW 1	MXS00220MVL0	CASSETTE SWITCH	R.REC	
	SW 2	MXS00220MVL0	CASSETTE SWITCH	TAPE	
	SW 4	MXS00220MVL0	CASSETTE SWITCH	70U	
	SW 5	MXS00220MVL0	CASSETTE SWITCH	F.REC	
	SW 6	QSW0507-001	SWITCH		

■Preamp Board (UX-V5/UX-V3/FS-V5)

BLOCK NO. 10

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 101	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C 102	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 103	QEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
	C 104	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
	C 105	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 106	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 107	NCS21HJ-561X	C CAPACITOR	560PF 5% 50V	
	C 108	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 109	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 110	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 111	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 112	NCB21EK-683X	C CAPACITOR	.068MF 10% 25V	
	C 113	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 121	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C 201	NCS21HJ-821X	C CAPACITOR	820PF 5% 50V	
	C 202	NCS21HJ-221X	C CAPACITOR	220PF 5% 50V	
	C 203	QEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
	C 204	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
	C 205	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 206	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 207	NCS21HJ-561X	C CAPACITOR	560PF 5% 50V	
	C 208	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 209	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 210	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 211	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
	C 212	NCB21EK-683X	C CAPACITOR	.068MF 10% 25V	
	C 213	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
	C 221	NCS21HJ-331X	C CAPACITOR	330PF 5% 50V	
	C 301	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 302	NCB21HK-393X	C CAPACITOR	.039MF 10% 50V	
	C 303	QEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
	C 304	QEK41CM-226	E CAPACITOR	22MF 20% 16V	
	C 305	QEK41CM-226	E CAPACITOR	22MF 20% 16V	
	C 306	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 307	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 308	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
	C 309	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
	C 310	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
	C 311	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
	C 313	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 314	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C 315	QCZ0205-155Z	ML C CAP I/M	1.5MF	
	C 316	QFG32AJ-103Z	PP CAPACITOR	.010MF 5% 100V	
	C 318	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 319	QFG32AJ-821Z	TF CAPACITOR	820PF 5% 100V	
	C 321	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	C 322	QFG32AJ-152Z	M CAPACITOR	1500PF 5% 100V	
	C 331	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 351	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 371	QEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
	C 374	QEKJ1AM-107Z	E CAPACITOR	MOTOR +B	
	C 375	QEKJ1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 376	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
	CN 31	QGF1205F1-06	CONNECTOR	PRI/HEAD	
	CN 32	QGB2011M1-10	PWB CONECTOR	PRI/MECHA	

BLOCK NO. 10

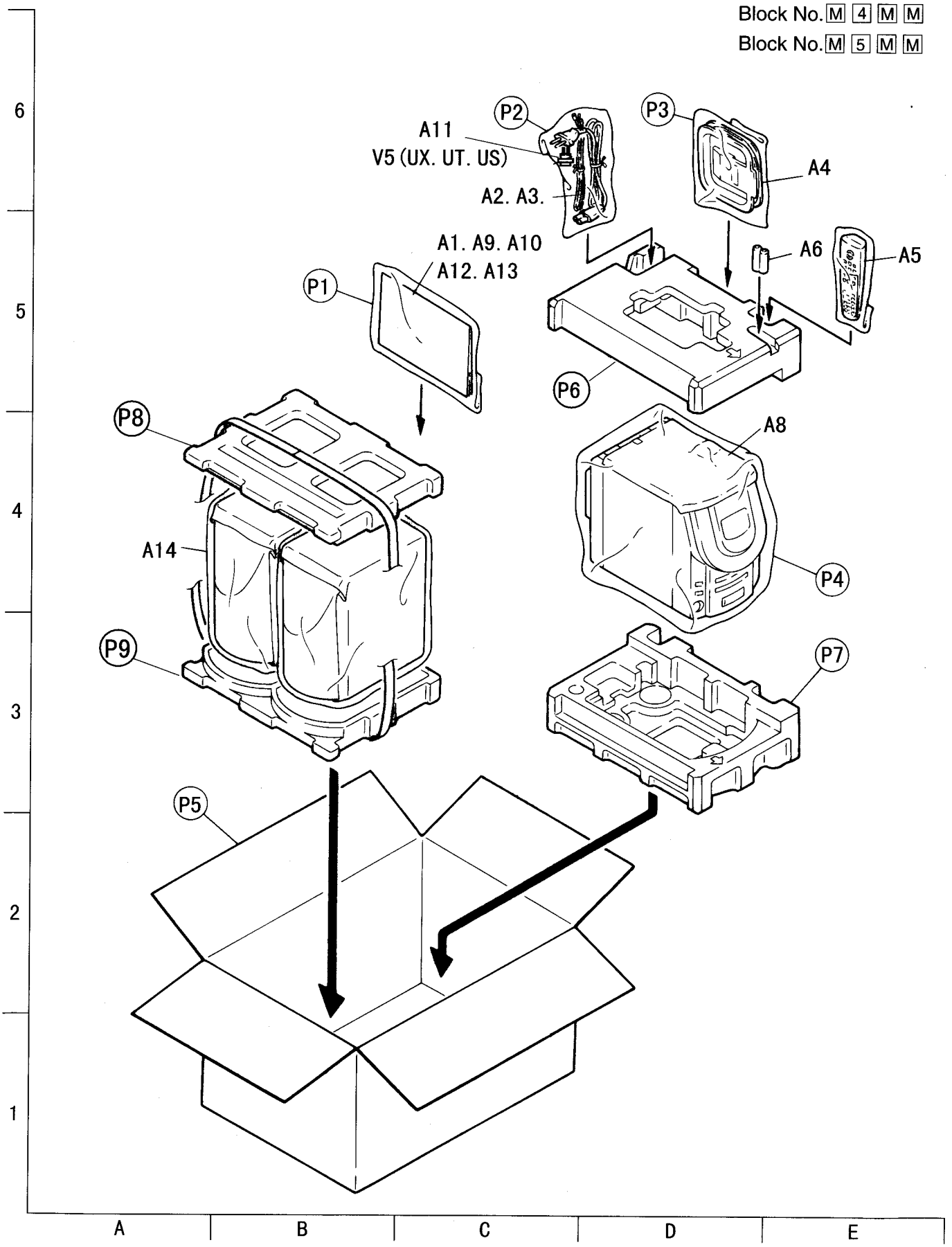
⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN 33	QGF1205F1-09	CONNECTOR	PRI/MICON	
	CN 34	QGF1205F1-10	CONNECTOR	PRI/AMP	
	D 301	MA152WA-X	DIODE		
	D 309	MA704A-X	S.K.DIODE		
	D 375	MA3051/M/-X	ZENER DIODE		
	FW 31	QUM024-06A2Z3	EF FLAT		
	IC 31	BA3126N	IC	HEAD SW	
	IC 32	AN7317	IC	PB&REC	
	IC 33	BU4094BCF-X	IC		
	L 301	QQR0620-001	OSC COIL(BIAS)		
	L 303	QQL01BK-100Z	INDUCTOR		
	Q 101	DTC114TKA-X	TRANSISTOR		
	Q 102	DTC114TKA-X	TRANSISTOR	REC EQ CONT.	
	Q 201	DTC114TKA-X	TRANSISTOR		
	Q 202	DTC114TKA-X	TRANSISTOR	REC EQ CONT.	
	Q 301	DTA144EKA-X	TRANSISTOR	REC EQ CONT.	
	Q 302	2SC2001/K/-T	TR I/M		
	Q 303	2SC2001/K/-T	TR I/M		
	Q 304	2SC2001/LK/-T	TRANSISTOR		
	Q 305	2SC2001/LK/-T	TRANSISTOR		
	Q 306	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 307	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 308	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 309	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 321	DTC144EKA-X	TRANSISTOR		
	Q 323	2SC2412K/RS/-X	CHIP TR.C.M		
	Q 371	2SA952/LK/-T	TRANSISTOR	MOTER+B	
	Q 372	DTC124EKA-X	TRANSISTOR		
	Q 375	2SB562/C/-T	TRANSISTOR	SOLENOID DRIVE	
	Q 376	2SC2412K/RS/-X	CHIP TR.C.M		
	R 101	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R 102	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 103	NRSA02J-242NY	MG RESISTOR	2.4K 5% 1/10W	
	R 104	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R 105	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 106	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 107	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 108	NRSA02J-562X	MG RESISTOR	5.6K 5% 1/10W	
	R 109	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R 110	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 111	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 112	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 113	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 114	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R 116	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 121	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 201	NRSA02J-220X	MG RESISTOR	22 5% 1/10W	
	R 202	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W	
	R 203	NRSA02J-242NY	MG RESISTOR	2.4K 5% 1/10W	
	R 204	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
	R 205	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
	R 206	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 207	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 208	NRSA02J-562X	MG RESISTOR	5.6K 5% 1/10W	
	R 209	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	

BLOCK NO. 10

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 210	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 211	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
	R 212	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 213	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 214	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
	R 216	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 221	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 301	NRS181J-221X	MG RESISTOR	220 5% 1/8W	
	R 303	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W	
	R 304	NRS181J-101X	MG RESISTOR	100 5% 1/8W	
	R 305	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 306	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 310	NRS181J-560X	MG RESISTOR	56 5% 1/8W	
	R 311	NRS181J-560X	MG RESISTOR	56 5% 1/8W	
	R 313	NRSA02J-3R3NY	RES. C.M	3.3 5% 1/10W	
	R 314	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R 315	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R 316	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
	R 317	NRSA02J-100X	MG RESISTOR	10 5% 1/10W	
	R 319	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R 322	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R 327	NRSA02J-474X	MG RESISTOR	470K 5% 1/10W	
	R 332	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 333	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 335	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
	R 336	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	R 337	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
	R 338	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
	R 339	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
	R 340	NRS181J-391X	MG RESISTOR	390 5% 1/8W	
	R 341	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 342	NRSA02J-203X	MG RESISTOR	20K 5% 1/10W	
	R 343	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W	
	R 351	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
	R 352	NRSA02J-912X	RES. C.M	9.1K 5% 1/10W	
	R 371	NRSA02J-123X	RES. C.M	12K 5% 1/10W	
	R 372	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
	R 375	NRSA02J-151X	MG RESISTOR	150 5% 1/10W	
	R 376	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W	
	VR 31	QVP0008-503Z	SEMI V RESISTOR	BIAS ADJ	
	VR 32	QVP0008-503Z	SEMI V RESISTOR	BIAS ADJ	
	VR 37	QVP0008-103Z	SEMI V RESISTOR	TAPE SPEED ADJ	

Packing Materials and Accessories Parts List

Block No. M 4 M M
Block No. M 5 M M



■Packing Parts List

BLOCK NO. M4MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	P 1	QPA02503503P	POLY BAG	FOR INST	1		
	P 2	QPA01503503	POLY BAG	UB	1		
		QPA01202505	POLY BAG	FS-V5	1		
		QPA01202505	POLY BAG	UX/US/UF/UT	1		
	P 3	QPA01702503P	POLY BAG	FOR AM ANT	1		
	P 4	QPC05005015P	POLY BAG		1		
	P 5	LV30907-002A	CARTON	V5	1		
		LV30907-001A	CARTON	V3	1		
		LV30907-011A	CARTON	FS-V5	1		
	P 6	LV10182-001A	CUSHION(TOP)		1		
	P 7	LV10182-002A	CUSHION(BOTTOM)		1		
	P 8	LV20328-001A	SP CUSHION(TOP)		1		
	P 9	LV20329-001A	SP CUSHION(BOTT		1		

■Accessories Parts List

BLOCK NO. M5MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	A 1	LVT0212-001A	INST V5/V3 UB	CHI	1		
		LVT0212-001A	INST V5/V3 UX	ARA	1		
		LVT0212-001A	INST V5/V3 UT	CHI	1		
		LVT0212-001A	INST V5/V3 US	CHI	1		
		LVT0212-002A	INST V5/V3 UX	ARA	1		
		LVT0212-003A	INST V5 UF	CHI	1		
		LVT0214-001A	INST FS-V5 J	ENG SPA FRE	1		
	A 2	QMPE090-183-JD	POWER CORD	FS-V5	1		
		QMPL080-183-JC	POWER CORD	V5/V3 US	1		
		QMPS020-183-JC	POWER CORD	V5/UF	1		
		QMPS060-160-E2	POWER CORD	V5/V3 UX/UT	1		
		QMPP060-183-JD	POWER CORD	V5/V3 UB	1		
	A 3	EWP201-011	ANT WIRE	V5/V3	1		
	A 4	QAL0014-001	AM LOOP ANT		1		
	A 5	RM-RXUV3	REMOCON UNIT	V5/V3	1		
		RM-RXFSV5	REMOCON UNIT	FS-V5	1		
	A 6	----------	BATTERY		2		
	A 8	LV41088-001A	CAUTION SHEET		1		
	A 9	BT-52004-1	WARRANTY CARD	FS-V5	1		
		BT-59007-2	WARRANTY CARD	V3/UF	1		
		BT-51018-1	WARRANTY CARD	FS-V5	1		
	A 10	BT-20071B	SERVICE NETWORK	FS-V5	1		
		BT-59009-1	SERVICE NETWORK	V5/UF	1		
	A 11	V04062-001	AC PLUG	V5 UX/UT	1		
		V04062-002	AC PLUG	V5 US	1		
	A 12	BT-20044G	SAFETY SHEET	FS-V5	1		
	A 13	BT-51020-2	REGISTER CARD	FS-V5	1		
	A 14	UXV3K-SPBOX	SPEAKER BOX	V3	2		
		UXV5RK-SPBOX	SPEAKER BOX	V5 FS-V5	2		

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